

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022621\
 Data File : VD068452.D
 Acq On : 26 Feb 2021 11:58
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Manual Integrations
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MMDadoda
 3/1/2021 10:05:31 AM

Quant Time: Feb 26 12:49:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 12:46:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	306807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	530556	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	483822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	226620	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	63821	20.49	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.98%#		
35) Dibromofluoromethane	7.920	113	65224	20.82	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	41.64%#		
50) Toluene-d8	10.344	98	266980	20.66	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	41.32%#		
62) 4-Bromofluorobenzene	12.632	95	81687	19.32	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	38.64%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	59156	20.44	ug/l	96
3) Chloromethane	2.209	50	76061	21.96	ug/l	97
4) Vinyl Chloride	2.350	62	87777	21.19	ug/l	99
5) Bromomethane	2.756	94	63061	21.40	ug/l	99
6) Chloroethane	2.921	64	58267	21.70	ug/l	99
7) Trichlorofluoromethane	3.274	101	101026	20.12	ug/l	99
8) Diethyl Ether	3.709	74	29289	19.90	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	62109	20.35	ug/l	92
10) Methyl Iodide	4.303	142	62751	21.18	ug/l	95
11) Tert butyl alcohol	5.226	59	16218	103.12	ug/l #	88
12) 1,1-Dichloroethene	4.068	96	61507	20.66	ug/l	94
13) Acrolein	3.926	56	24593	131.20	ug/l	99
14) Allyl chloride	4.715	41	78276	20.26	ug/l	97
15) Acrylonitrile	5.426	53	62992	99.67	ug/l	99
16) Acetone	4.162	43	47011	96.43	ug/l #	79
17) Carbon Disulfide	4.415	76	199140	22.45	ug/l	98
18) Methyl Acetate	4.721	43	23862	18.07	ug/l	90
19) Methyl tert-butyl Ether	5.479	73	131356	19.82	ug/l	95
20) Methylene Chloride	4.973	84	81047	20.68	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	72069	20.82	ug/l	97
22) Diisopropyl ether	6.367	45	172868	20.26	ug/l #	92
23) Vinyl Acetate	6.309	43	441421	100.51	ug/l	96
24) 1,1-Dichloroethane	6.273	63	119800	20.56	ug/l	98
25) 2-Butanone	7.220	43	67817	99.38	ug/l	98
26) 2,2-Dichloropropane	7.209	77	95966	19.29	ug/l	99
27) cis-1,2-Dichloroethene	7.215	96	78903	20.17	ug/l	96
28) Bromochloromethane	7.556	49	43427	18.20	ug/l	83
29) Tetrahydrofuran	7.567	42	44811	100.98	ug/l	97
30) Chloroform	7.714	83	125067	20.56	ug/l	94
31) Cyclohexane	7.985	56	109142	20.56	ug/l	93
32) 1,1,1-Trichloroethane	7.909	97	108108	20.62	ug/l	94
36) 1,1-Dichloropropene	8.114	75	97678	20.31	ug/l	96
37) Ethyl Acetate	7.297	43	34537	21.66	ug/l #	93
38) Carbon Tetrachloride	8.097	117	93017	20.45	ug/l	99
39) Methylcyclohexane	9.356	83	119908	20.27	ug/l	96
40) Benzene	8.356	78	286811	21.02	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	17933	19.84	ug/l	94
42) 1,2-Dichloroethane	8.426	62	75781	20.87	ug/l	99
43) Isopropyl Acetate	8.456	43	59744	19.61	ug/l	98
44) Trichloroethene	9.114	130	76832	20.69	ug/l	97
45) 1,2-Dichloropropane	9.391	63	68245	20.49	ug/l	97
46) Dibromomethane	9.479	93	37574	20.96	ug/l	92
47) Bromodichloromethane	9.661	83	96415	20.73	ug/l	96
48) Methyl methacrylate	9.461	41	32816	21.14	ug/l	98
49) 1,4-Dioxane	9.467	88	8360	402.08	ug/l #	90
51) 4-Methyl-2-Pentanone	10.232	43	159778	101.68	ug/l	98
52) Toluene	10.403	92	180638	20.57	ug/l	94
53) t-1,3-Dichloropropene	10.620	75	87776	20.46	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	107925	20.45	ug/l	97
55) 1,1,2-Trichloroethane	10.803	97	50717	20.41	ug/l #	86
56) Ethyl methacrylate	10.661	69	58235	19.90	ug/l	98
57) 1,3-Dichloropropane	10.944	76	89840	20.61	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	144012	93.04	ug/l	92
59) 2-Hexanone	10.985	43	105489	99.24	ug/l	100
60) Dibromochloromethane	11.144	129	61739	19.97	ug/l	96
61) 1,2-Dibromoethane	11.244	107	50265	20.89	ug/l	100
64) Tetrachloroethene	10.879	164	61828	20.39	ug/l	98
65) Chlorobenzene	11.667	112	192657	20.40	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.744	131	67120	20.42	ug/l	96
67) Ethyl Benzene	11.744	91	350217	20.68	ug/l	95
68) m/p-Xylenes	11.855	106	262086	40.81	ug/l	98
69) o-Xylene	12.179	106	120915	20.52	ug/l	96
70) Styrene	12.191	104	208052	20.34	ug/l	99
71) Bromoform	12.361	173	34866	20.65	ug/l #	100
73) Isopropylbenzene	12.479	105	327107	19.66	ug/l	100
74) N-amyl acetate	12.285	43	53473	18.38	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	58531	20.42	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	47277m	21.98	ug/l	
77) Bromobenzene	12.761	156	74982	20.12	ug/l	93
78) n-propylbenzene	12.820	91	395216	19.79	ug/l	97
79) 2-Chlorotoluene	12.908	91	218075	19.73	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	270137	19.84	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	16343	18.95	ug/l	97
82) 4-Chlorotoluene	13.002	91	227226	19.43	ug/l	98
83) tert-Butylbenzene	13.220	119	230262	19.55	ug/l	100
84) 1,2,4-Trimethylbenzene	13.267	105	269133	19.79	ug/l	97
85) sec-Butylbenzene	13.402	105	322138	19.59	ug/l	99
86) p-Isopropyltoluene	13.514	119	292606	19.70	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	144452	19.95	ug/l	98
88) 1,4-Dichlorobenzene	13.591	146	143329	19.91	ug/l	97
89) n-Butylbenzene	13.838	91	283337	19.53	ug/l	97
90) Hexachloroethane	14.108	117	58507	21.22	ug/l	88
91) 1,2-Dichlorobenzene	13.885	146	127277	20.37	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9008	20.92	ug/l	95
93) 1,2,4-Trichlorobenzene	15.155	180	94235	22.31	ug/l	98
94) Hexachlorobutadiene	15.261	225	53357	22.92	ug/l	99
95) Naphthalene	15.396	128	169652	21.78	ug/l	98
96) 1,2,3-Trichlorobenzene	15.591	180	85078	23.21	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

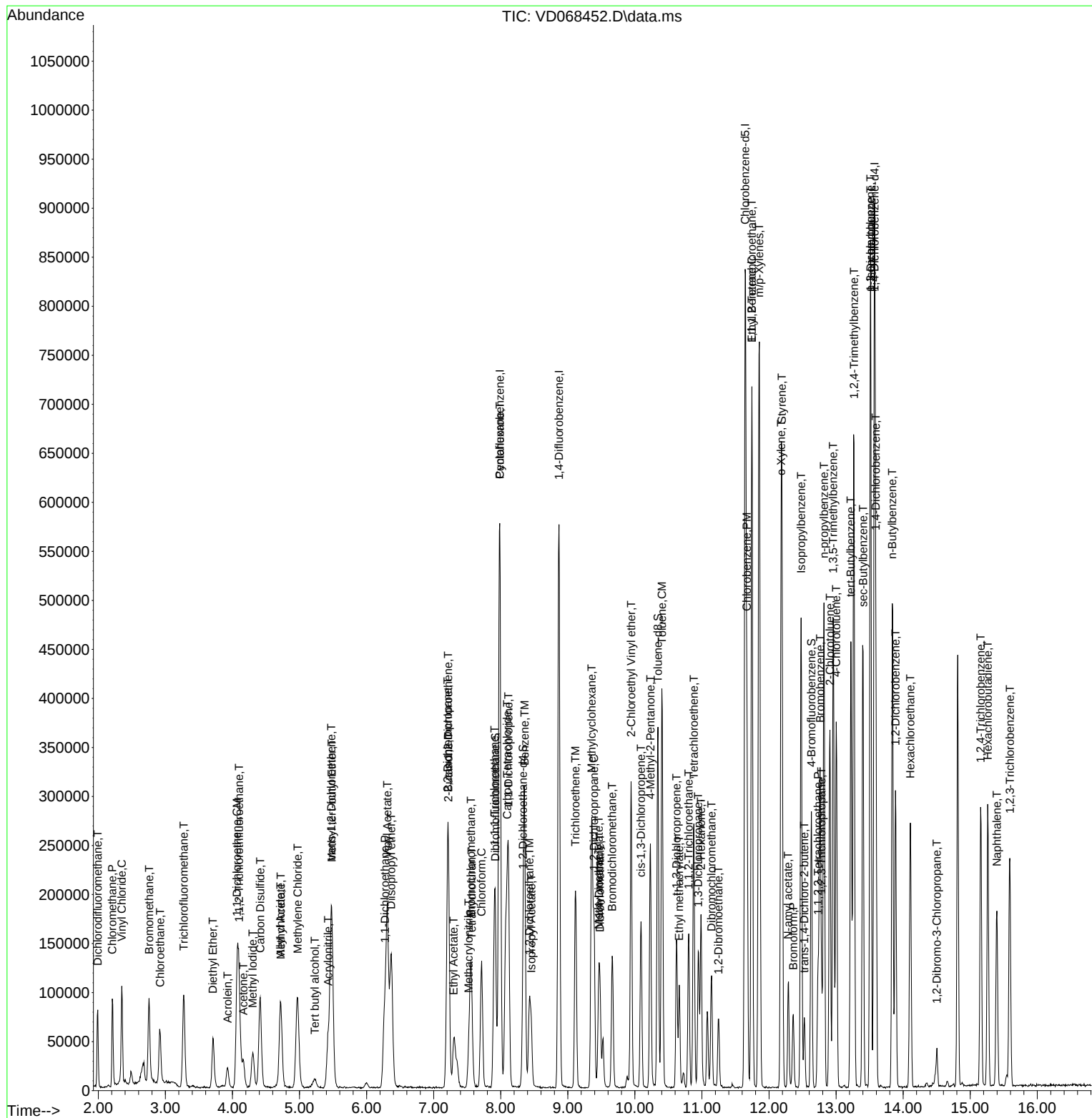
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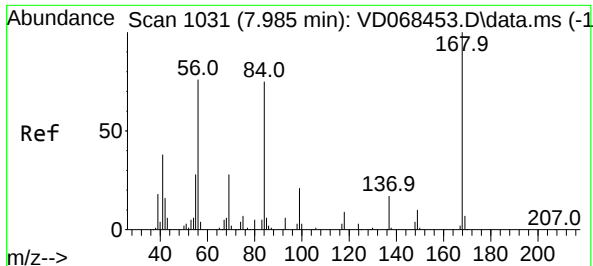
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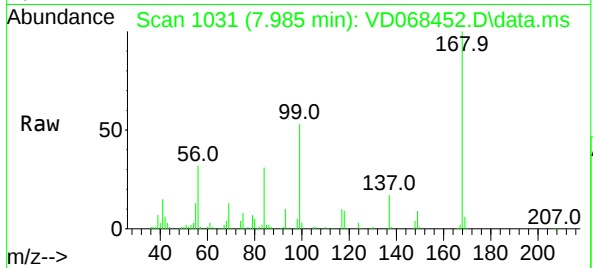
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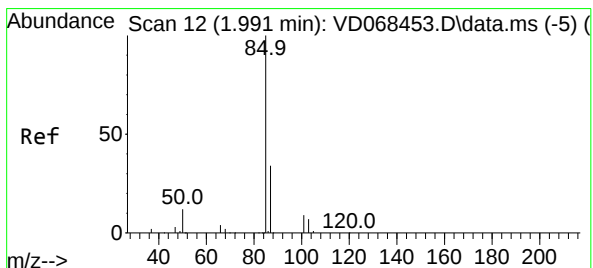
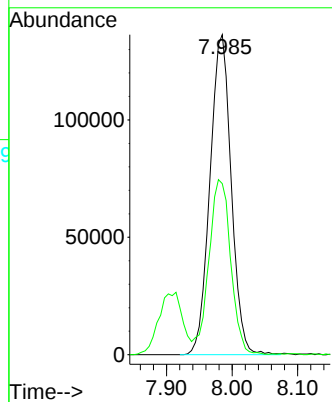
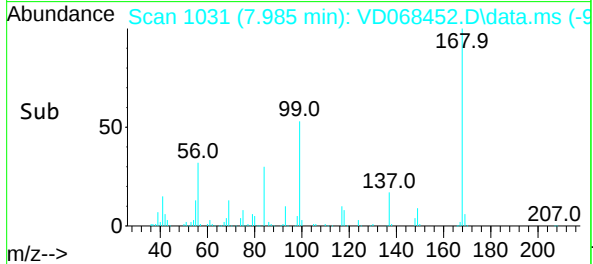




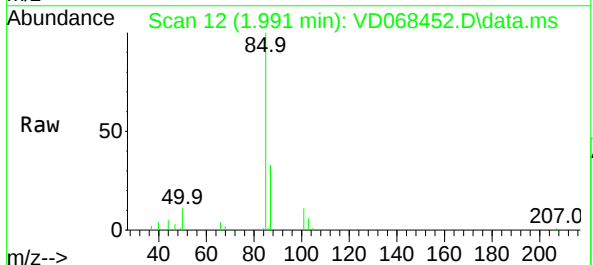
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068452.D
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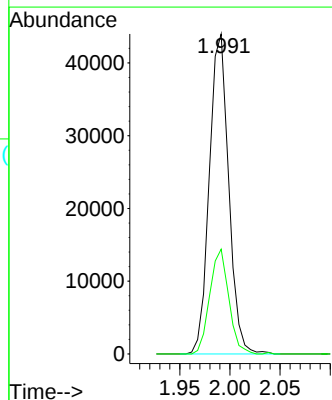
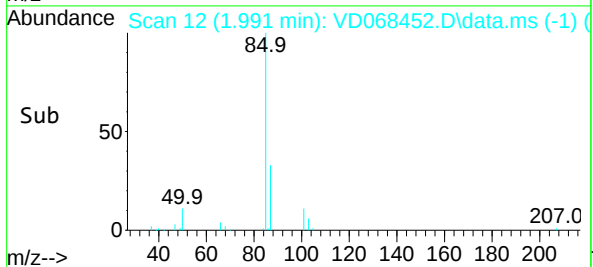
Tgt Ion: 168 Resp: 306807
Ion Ratio Lower Upper
168 100
99 53.2 43.5 65.3



#2
Dichlorodifluoromethane
Concen: 20.44 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068452.D
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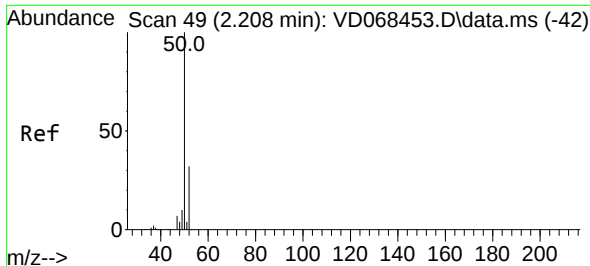
Tgt Ion: 85 Resp: 59156
Ion Ratio Lower Upper
85 100
87 32.7 15.4 46.1



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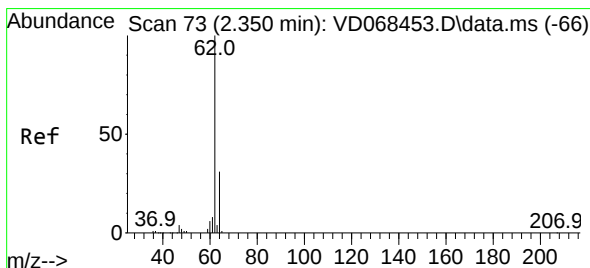
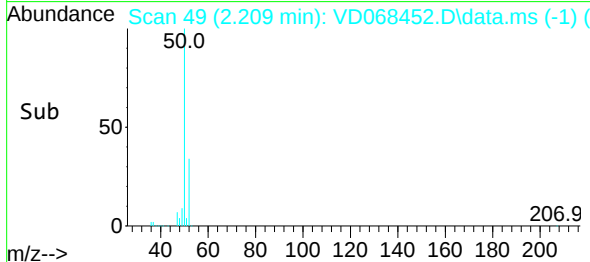
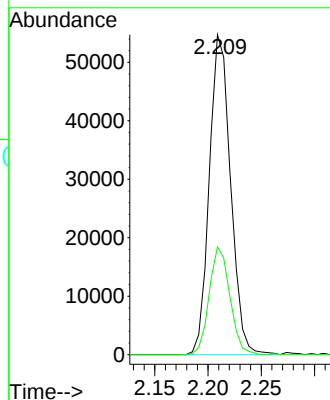
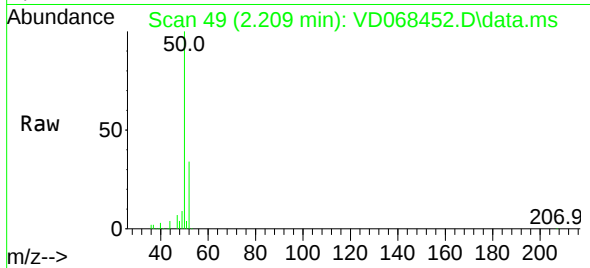
#3
Chloromethane
Concen: 21.96 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.001 min
Lab File: VD068452.D
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Tgt Ion: 50 Resp: 76061
Ion Ratio Lower Upper
50 100
52 33.7 25.4 38.2

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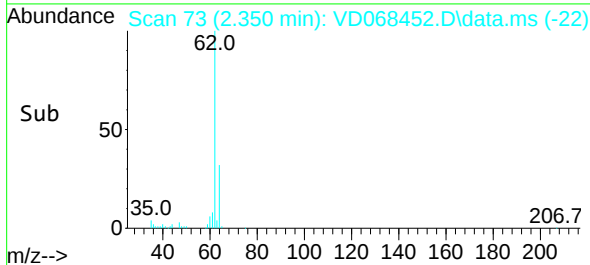
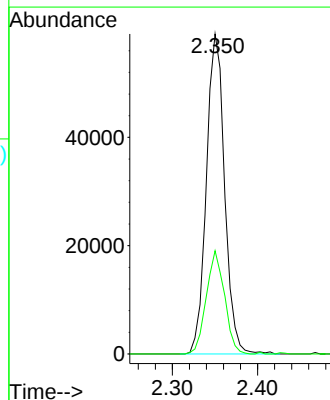
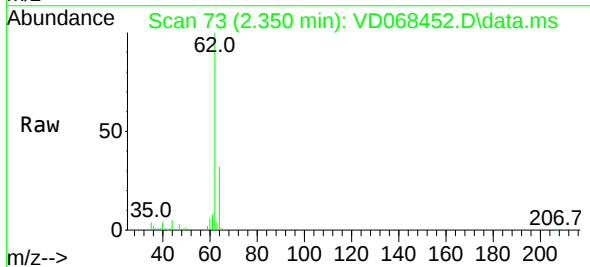
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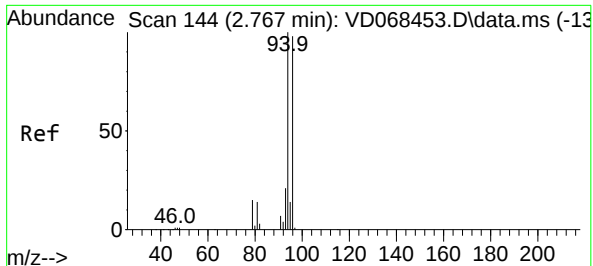
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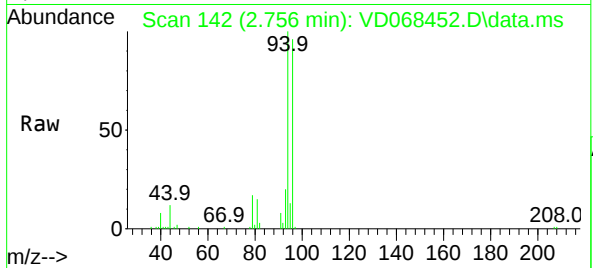
#4
Vinyl Chloride
Concen: 21.19 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.001 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion: 62 Resp: 87777
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.2

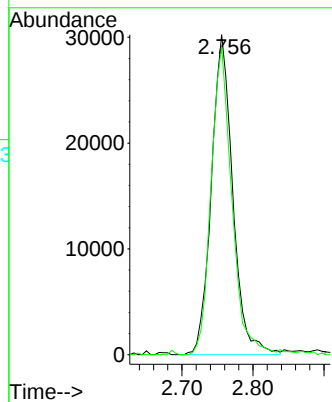




#5
Bromomethane
Concen: 21.40 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.011 min
Lab File: VD068452.D
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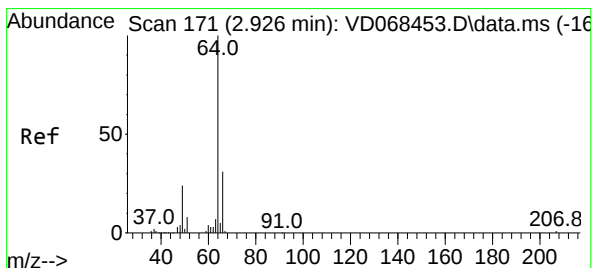
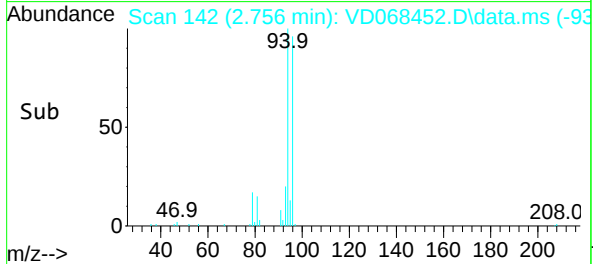
Tgt Ion: 94 Resp: 63061
Ion Ratio Lower Upper
94 100
96 96.2 75.8 113.8



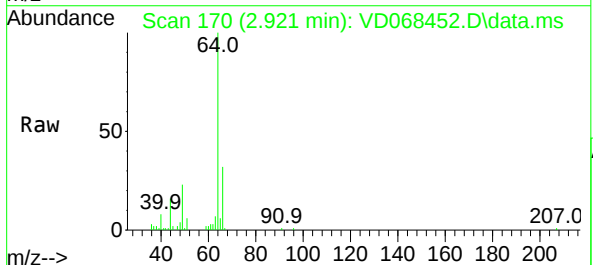
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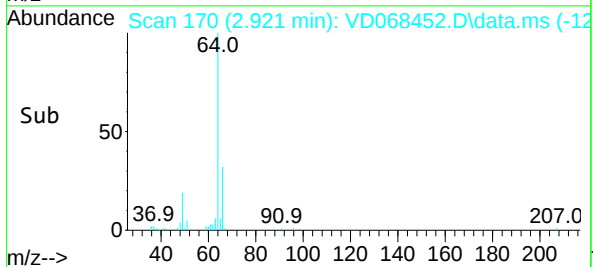
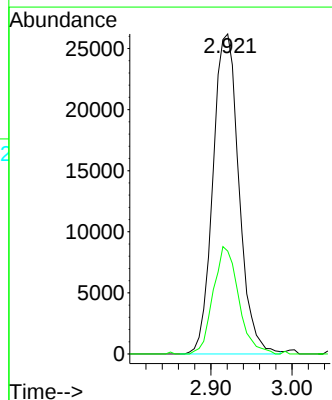
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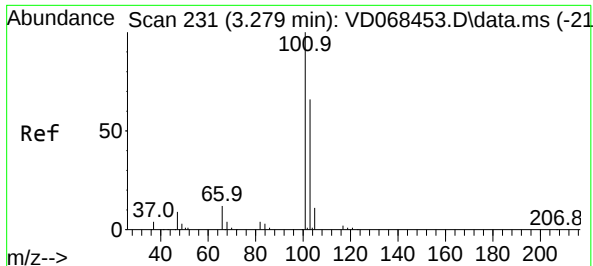


#6
Chloroethane
Concen: 21.70 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.005 min
Lab File: VD068452.D
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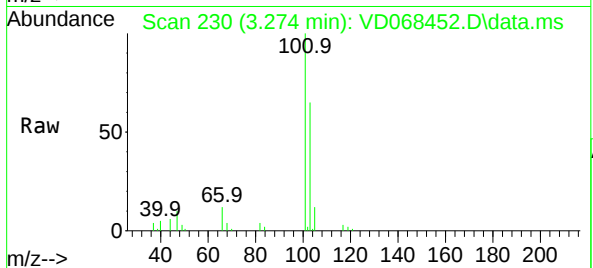
Tgt Ion: 64 Resp: 58267
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7



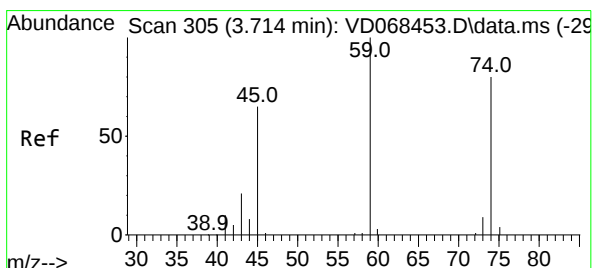
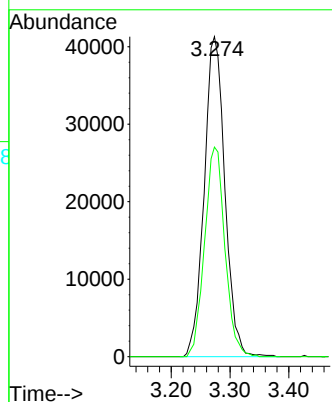
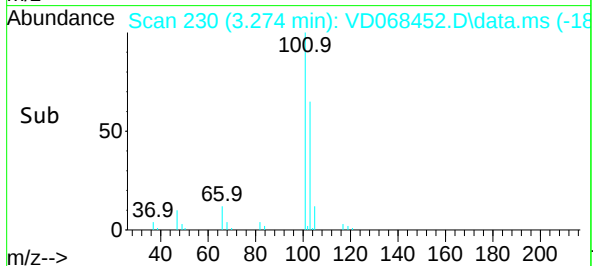


#7
Trichlorofluoromethane
Concen: 20.12 ug/l
RT: 3.274 min Scan# 230
Delta R.T. -0.005 min
Lab File: VD068452.D
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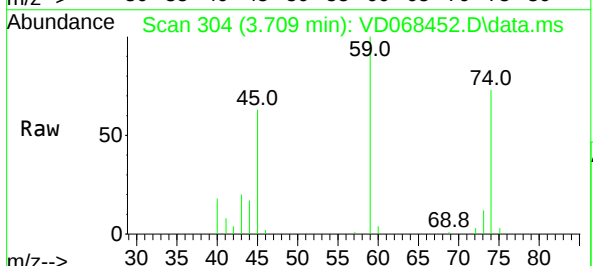
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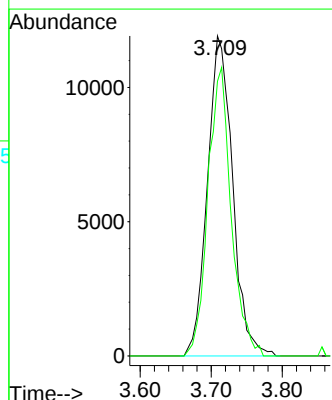
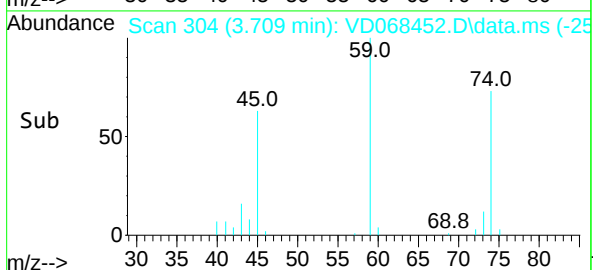
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Ion Ratio Lower Upper
101 100
103 65.5 52.0 78.0

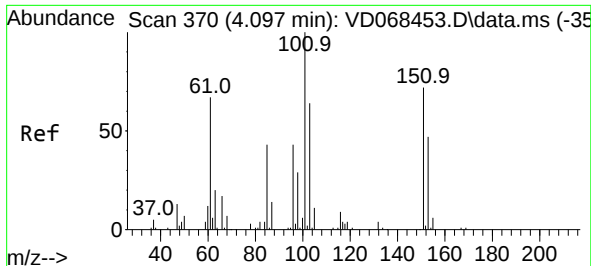


#8
Diethyl Ether
Concen: 19.90 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.005 min
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Tgt Ion: 74 Resp: 29289
Ion Ratio Lower Upper
74 100
45 83.5 42.1 126.4





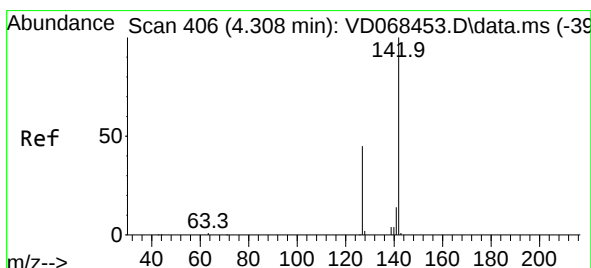
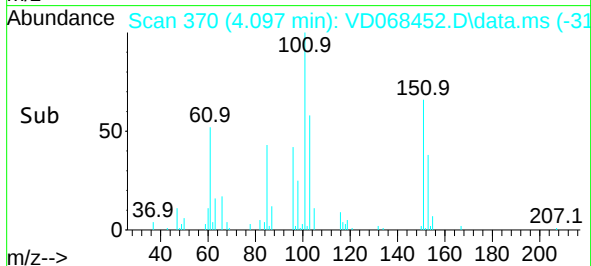
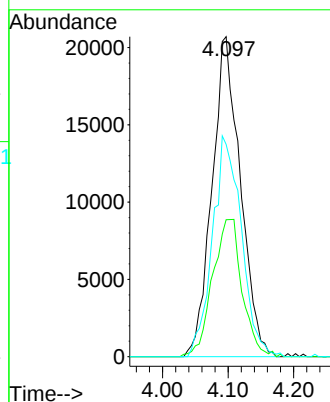
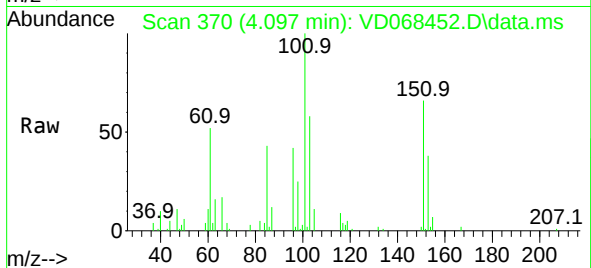
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.35 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion:	101	Resp:	62109
Ion	Ratio	Lower	Upper
101	100		
85	44.8	34.0	51.0
151	70.4	64.1	96.1

Instrument :
MSVOA_D
ClientSampleId :
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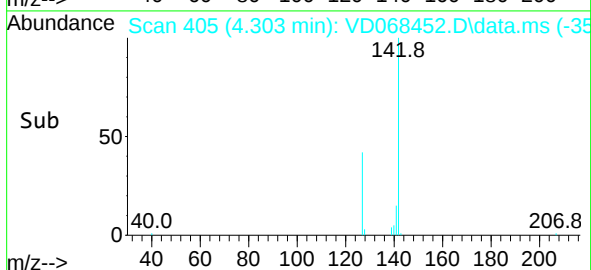
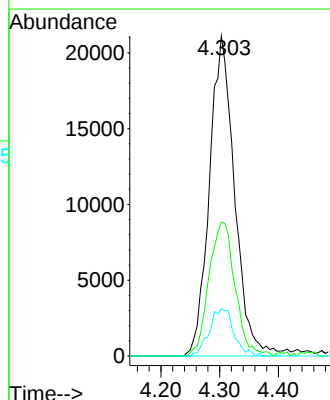
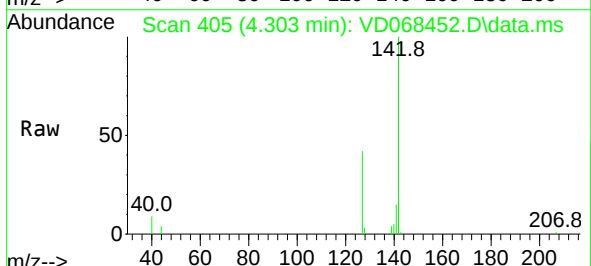
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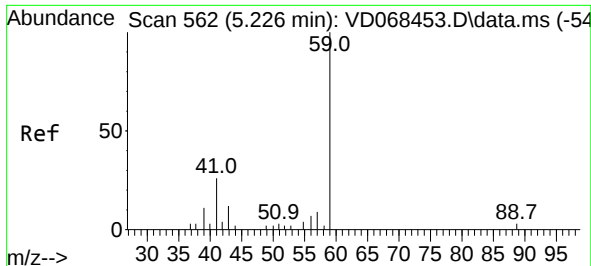
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#10
Methyl Iodide
Concen: 21.18 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

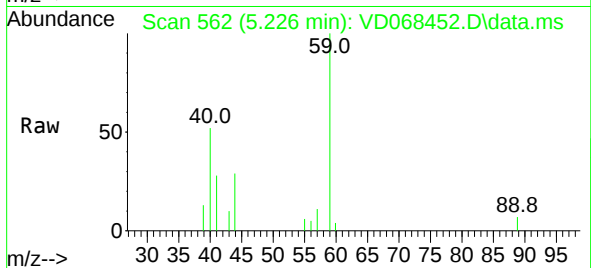
Tgt Ion:	142	Resp:	62751
Ion	Ratio	Lower	Upper
142	100		
127	43.4	37.9	56.9
141	14.3	11.5	17.3





#11
Tert butyl alcohol
Concen: 103.12 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

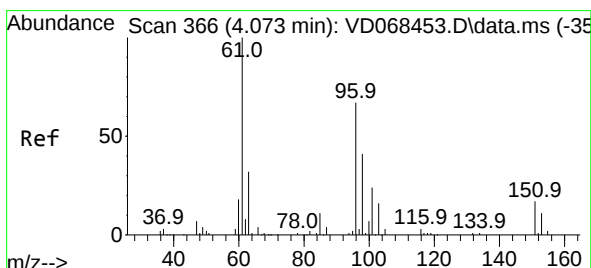
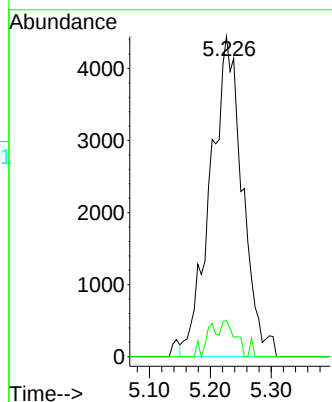
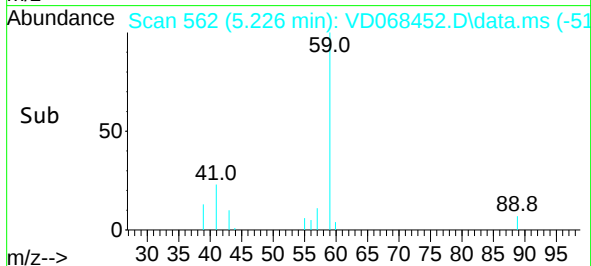
Instrument :
MSVOA_D
ClientSampleId :
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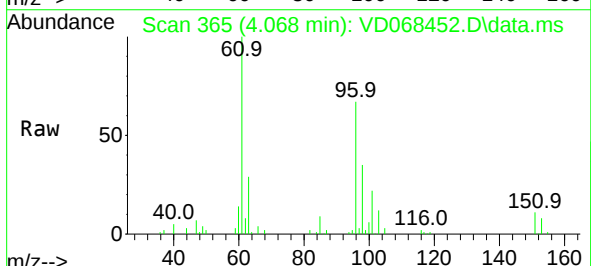
Tgt Ion: 59 Resp: 16218
Ion Ratio Lower Upper
59 100
57 4.8 7.4 11.2#

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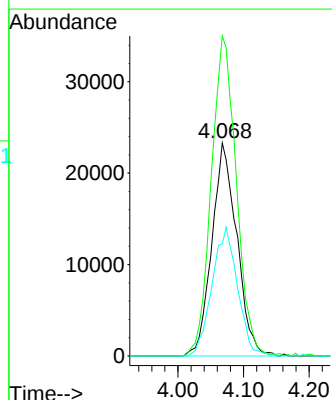
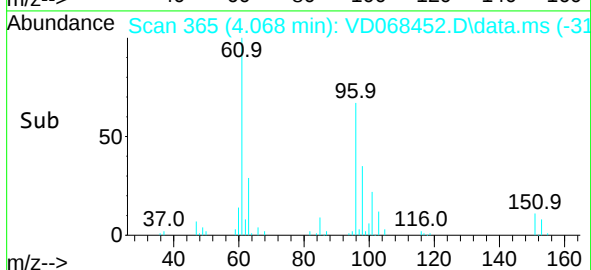
MMDadoda
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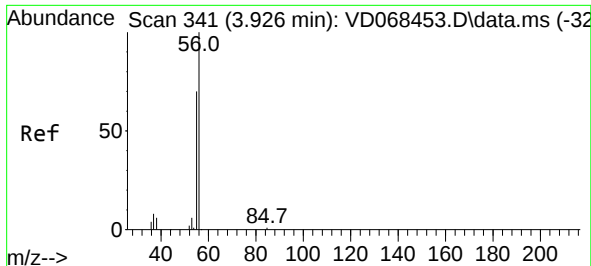


#12
1,1-Dichloroethene
Concen: 20.66 ug/l
RT: 4.068 min Scan# 365
Delta R.T. -0.005 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58



Tgt Ion: 96 Resp: 61507
Ion Ratio Lower Upper
96 100
61 150.3 116.2 174.4
98 52.6 48.6 73.0





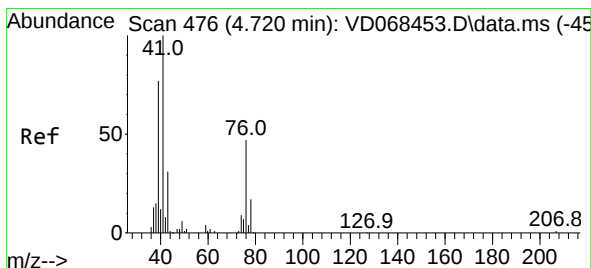
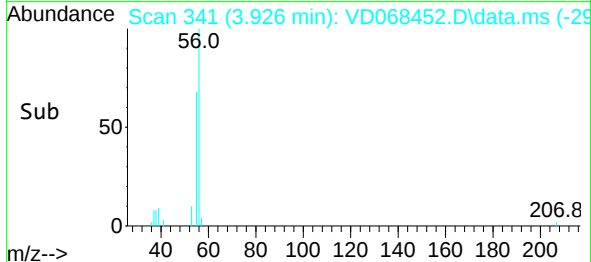
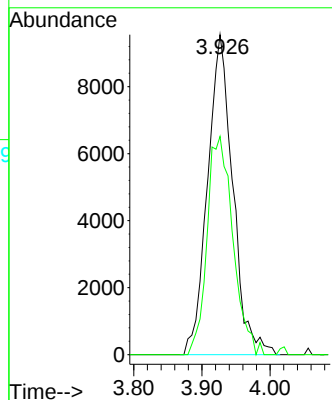
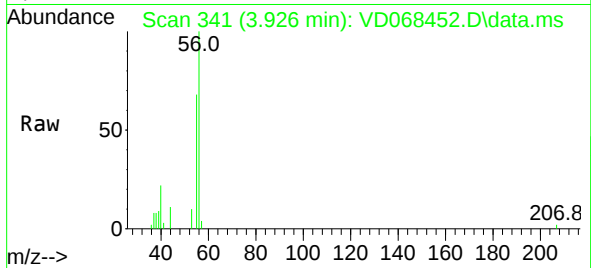
#13
Acrolein
Concen: 131.20 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion: 56 Resp: 24593
Ion Ratio Lower Upper
56 100
55 69.7 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
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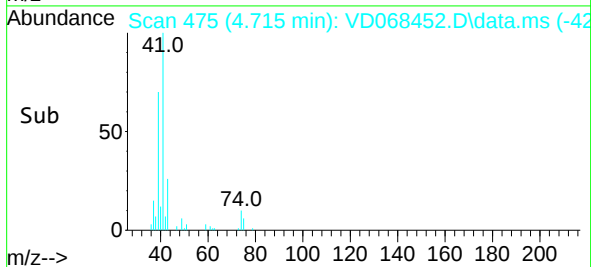
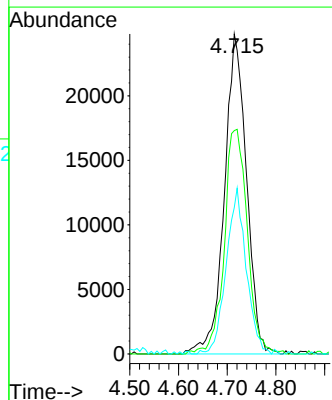
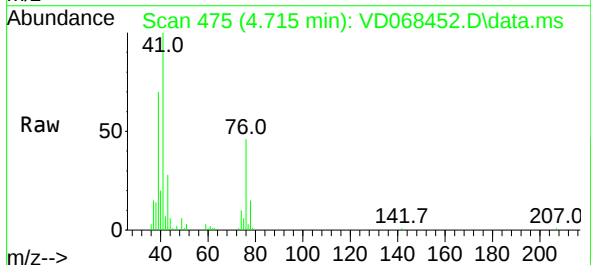
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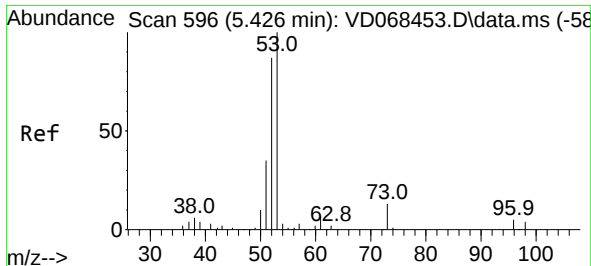
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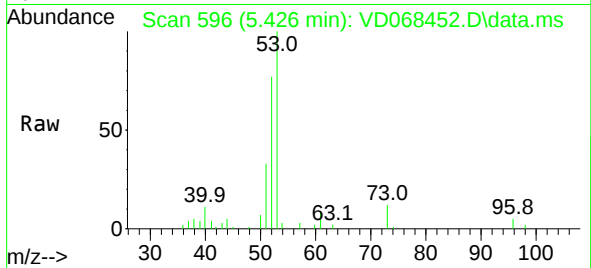
#14
Allyl chloride
Concen: 20.26 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.005 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion: 41 Resp: 78276
Ion Ratio Lower Upper
41 100
39 73.3 56.3 84.5
76 47.0 38.9 58.3

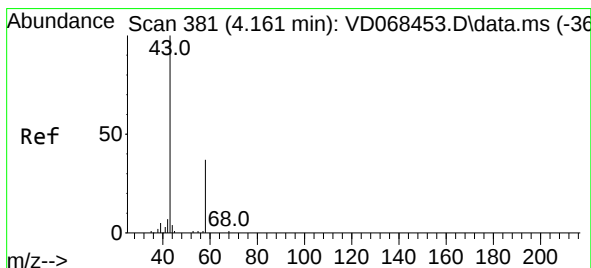
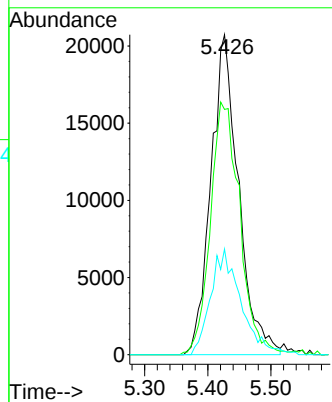
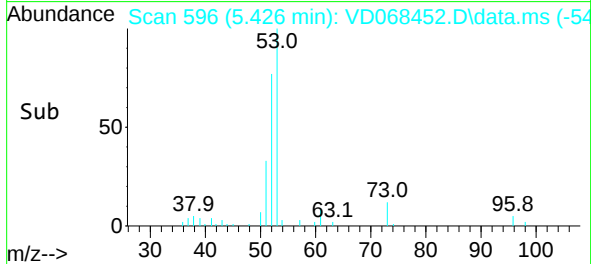




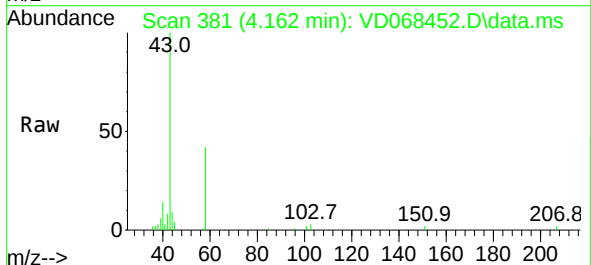
#15
Acrylonitrile
Concen: 99.67 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.001 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58



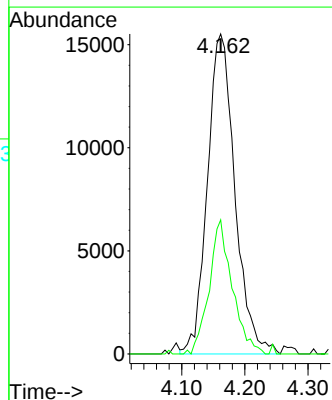
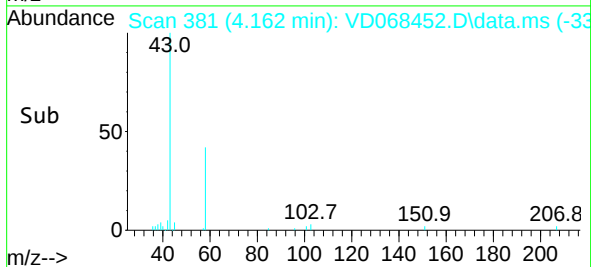
Tgt Ion: 53 Resp: 62992
Ion Ratio Lower Upper
53 100
52 83.9 66.2 99.2
51 36.3 29.0 43.4



#16
Acetone
Concen: 96.43 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58



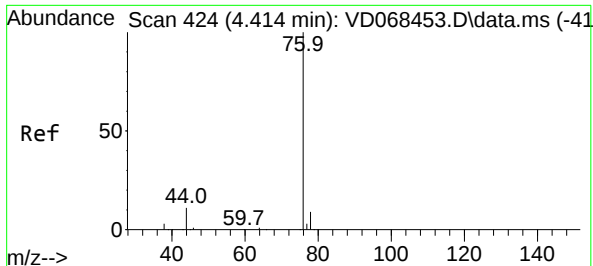
Tgt Ion: 43 Resp: 47011
Ion Ratio Lower Upper
43 100
58 41.9 24.2 36.4#



Instrument :
MSVOA_D
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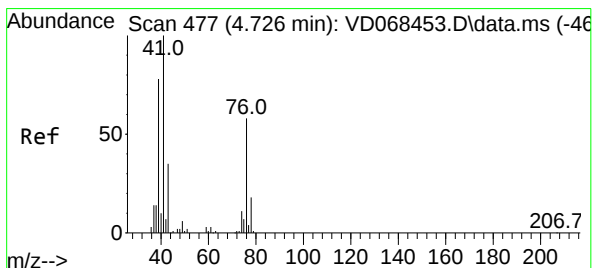
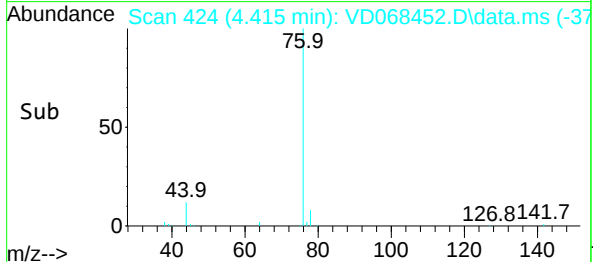
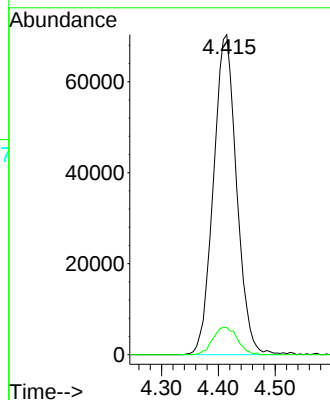
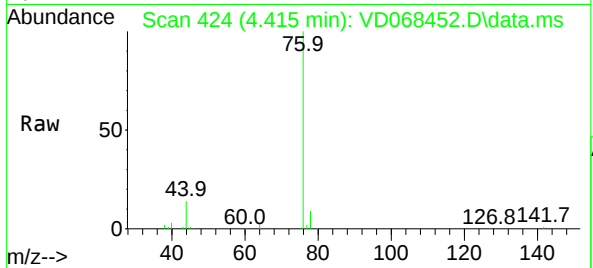
#17
Carbon Disulfide
Concen: 22.45 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion: 76 Resp: 199140
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9

Instrument :
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ClientSampleId :
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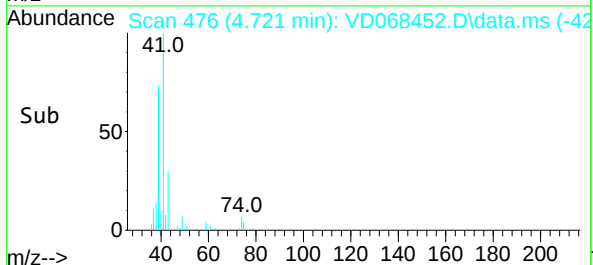
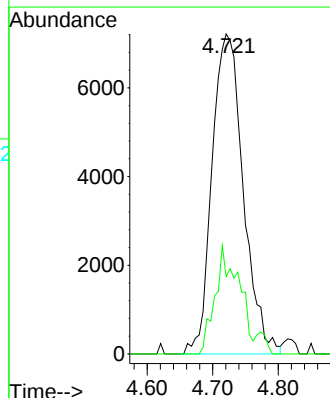
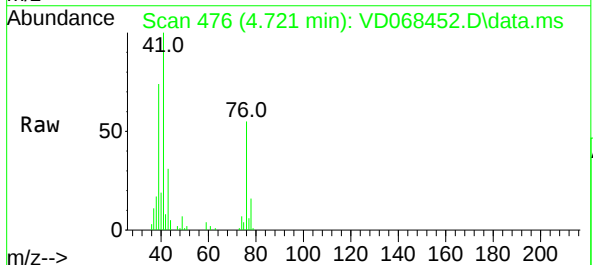
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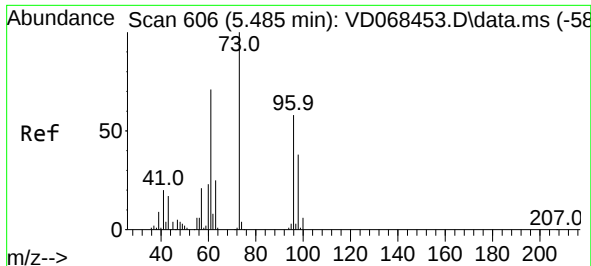
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#18
Methyl Acetate
Concen: 18.07 ug/l
RT: 4.721 min Scan# 476
Delta R.T. -0.005 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

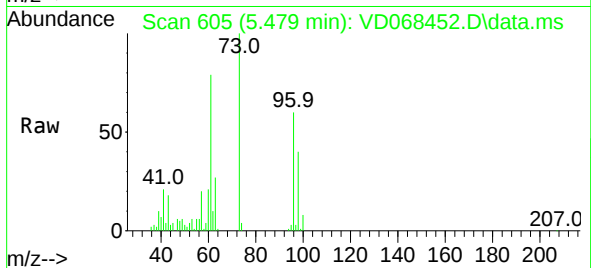
Tgt Ion: 43 Resp: 23862
Ion Ratio Lower Upper
43 100
74 26.0 25.4 38.0





#19
Methyl tert-butyl Ether
Concen: 19.82 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.005 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

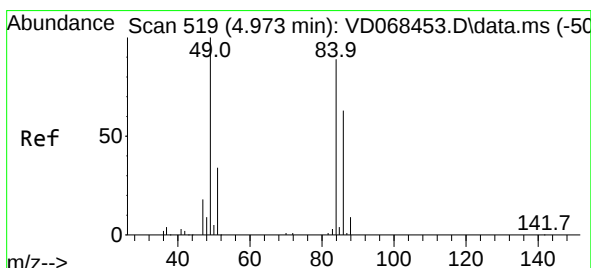
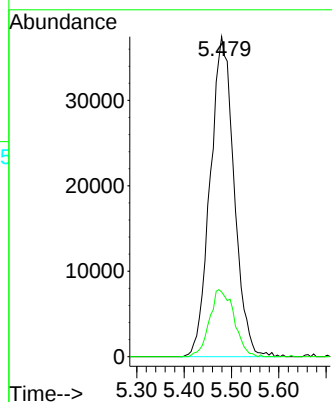
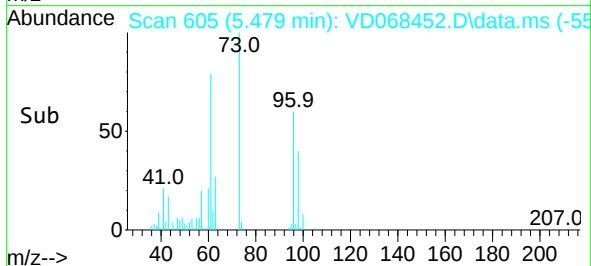
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



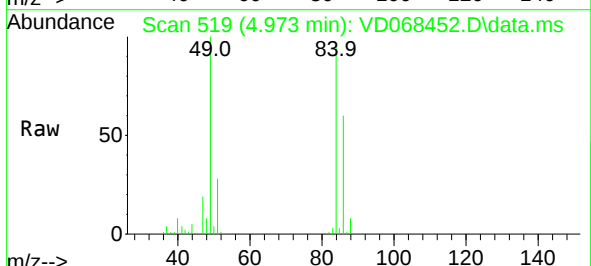
Tgt Ion: 73 Resp: 131356
Ion Ratio Lower Upper
73 100
57 20.2 14.4 21.6

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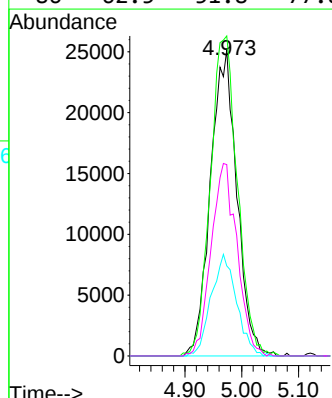
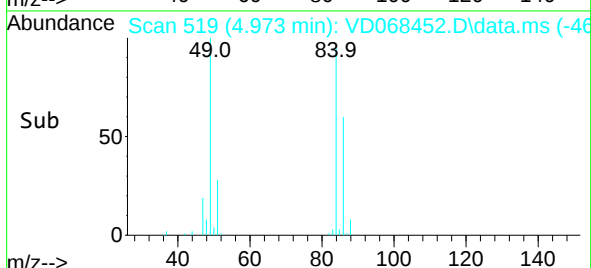
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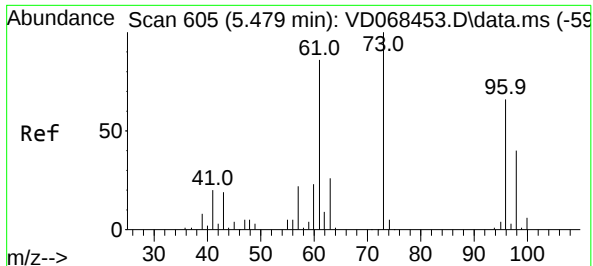


#20
Methylene Chloride
Concen: 20.68 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

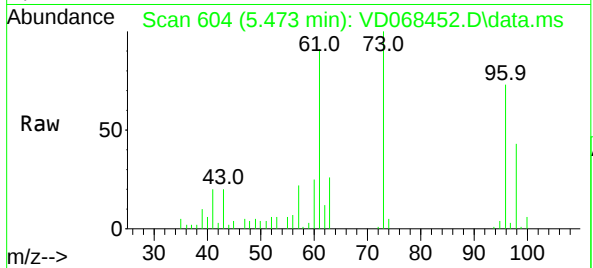


Tgt Ion: 84 Resp: 81047
Ion Ratio Lower Upper
84 100
49 104.5 77.4 116.2
51 29.4 26.1 39.1
86 62.5 51.8 77.8



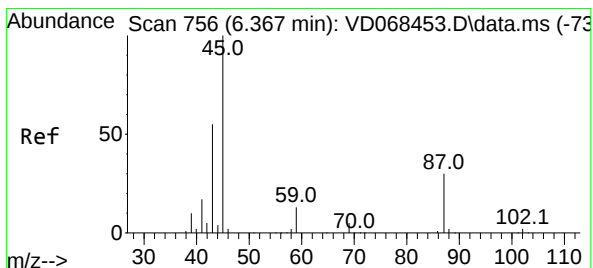
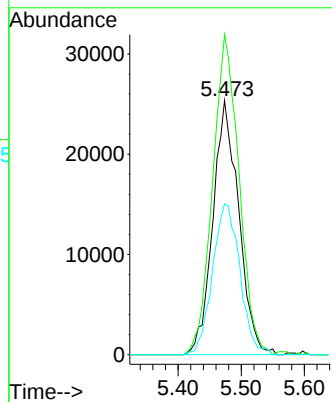
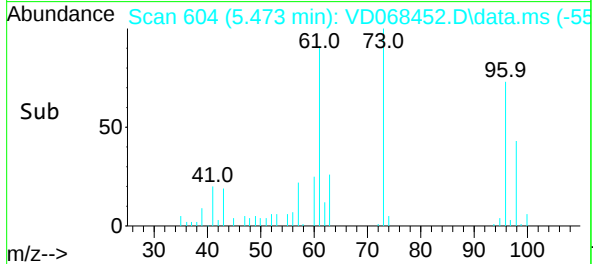


#21
trans-1,2-Dichloroethene
Concen: 20.82 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.005 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

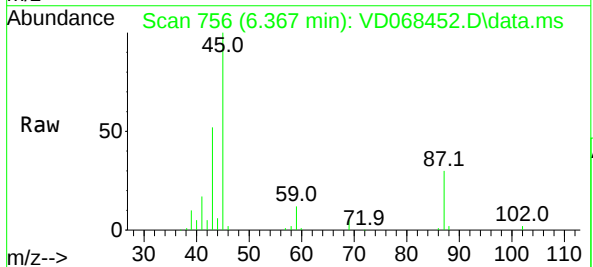


Tgt Ion: 96 Resp: 72069

Ion	Ratio	Lower	Upper
96	100		
61	126.0	96.7	145.1
98	59.4	47.6	71.4

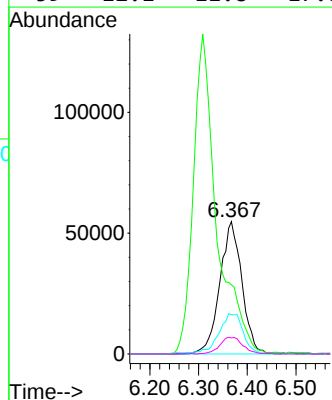
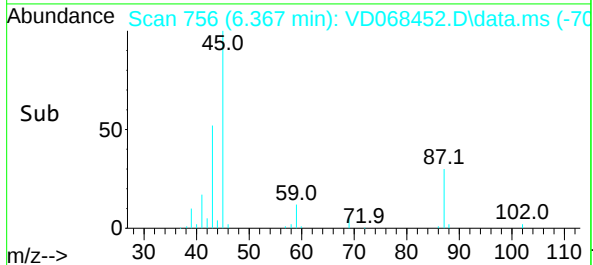


#22
Diisopropyl ether
Concen: 20.26 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58



Tgt Ion: 45 Resp: 172868

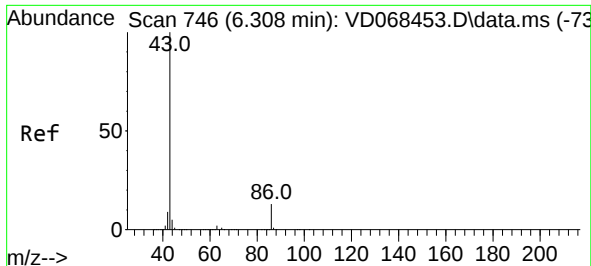
Ion	Ratio	Lower	Upper
45	100		
43	51.1	43.9	65.9
87	29.7	29.9	44.9#
59	12.1	11.8	17.8



Instrument :
MSVOA_D
ClientSampleId :
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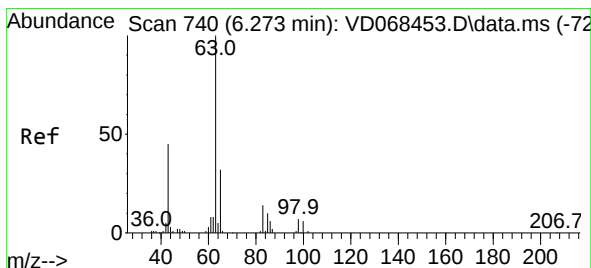
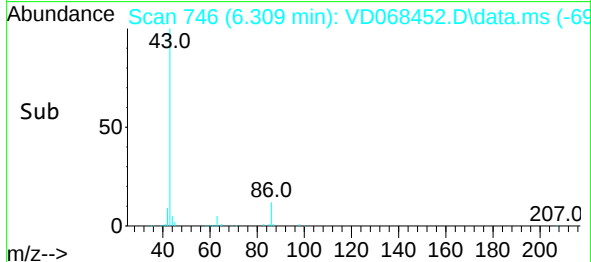
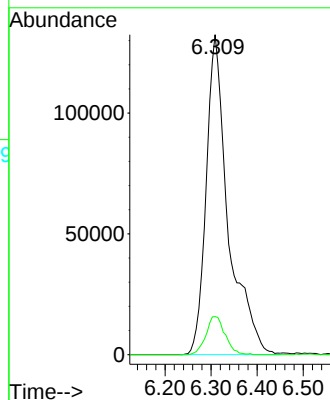
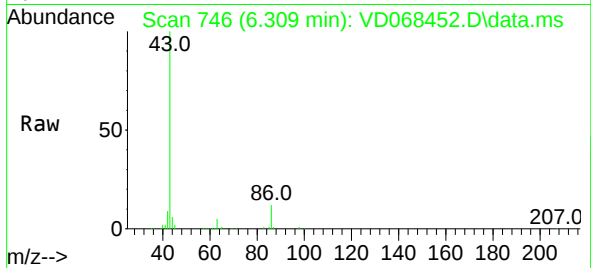
#23
 Vinyl Acetate
 Concen: 100.51 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD068452.D
 Acq: 26 Feb 2021 11:58

Tgt Ion: 43 Resp: 441421
 Ion Ratio Lower Upper
 43 100
 86 11.9 10.8 16.2

Instrument :
 MSVOA_D
 ClientSampleId :
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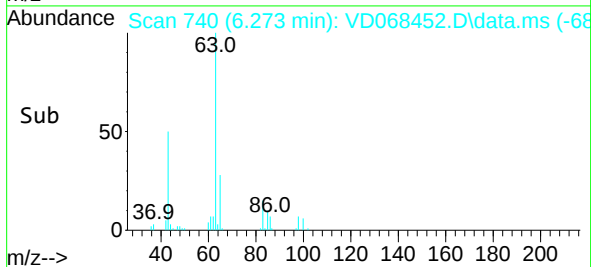
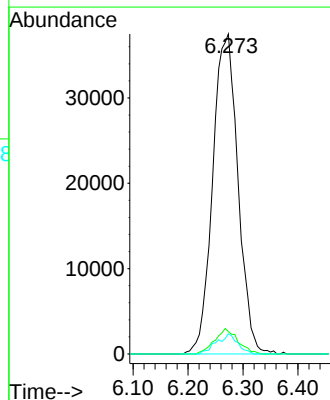
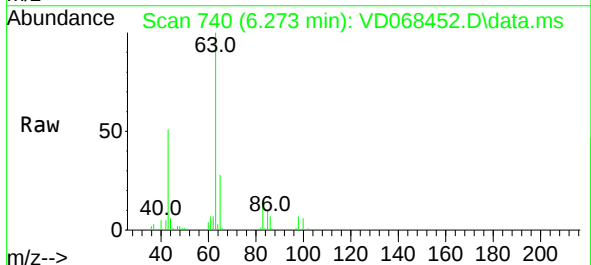
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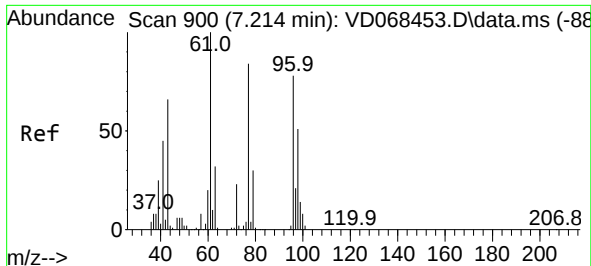
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#24
 1,1-Dichloroethane
 Concen: 20.56 ug/l
 RT: 6.273 min Scan# 740
 Delta R.T. 0.001 min
 Lab File: VD068452.D
 Acq: 26 Feb 2021 11:58

Tgt Ion: 63 Resp: 119800
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.4
 100 6.3 2.6 8.0





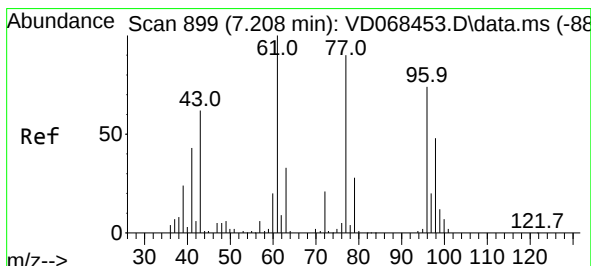
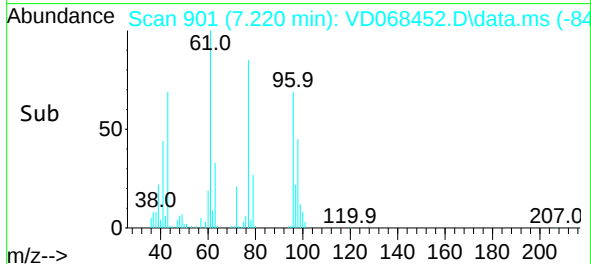
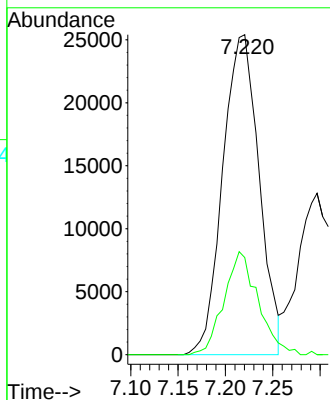
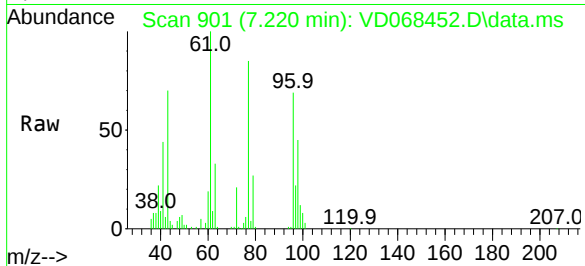
#25
2-Butanone
Concen: 99.38 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion: 43 Resp: 67817
Ion Ratio Lower Upper
43 100
72 30.3 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

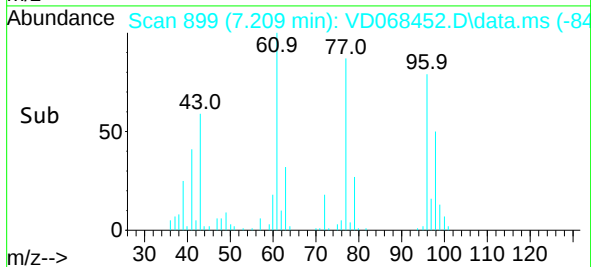
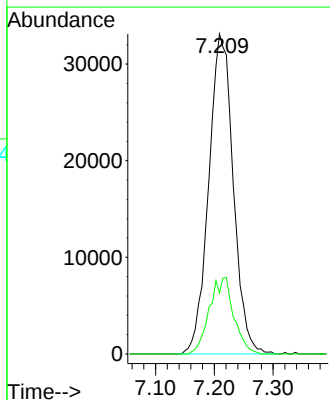
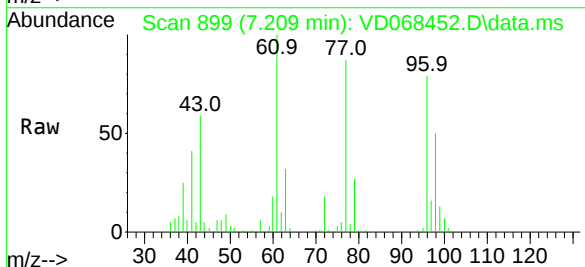
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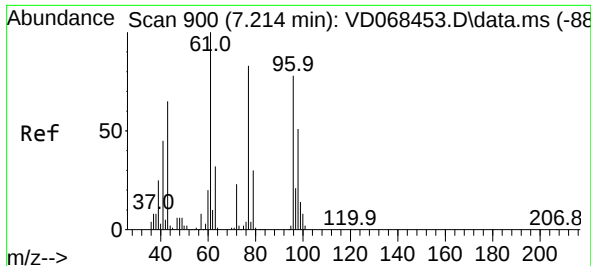
MMDadoda
3/1/2021 10:05:31 AM



#26
2,2-Dichloropropane
Concen: 19.29 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion: 77 Resp: 95966
Ion Ratio Lower Upper
77 100
97 23.7 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 20.17 ug/l

RT: 7.215 min Scan# 900

Delta R.T. 0.000 min

Lab File: VD068452.D

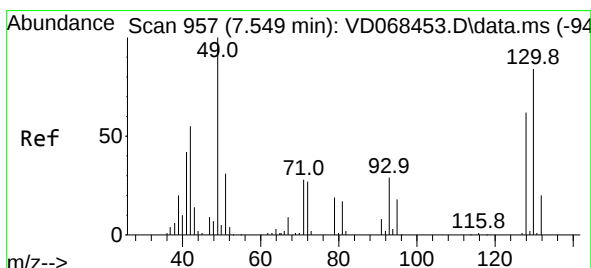
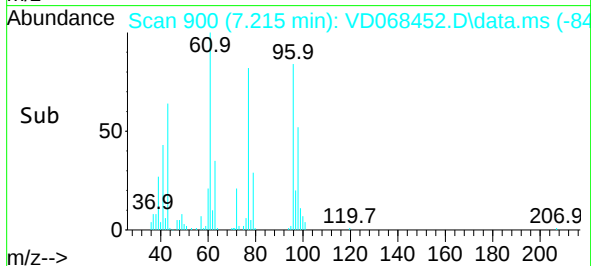
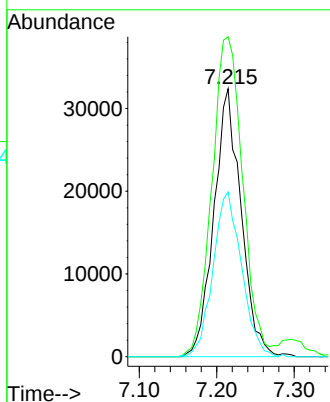
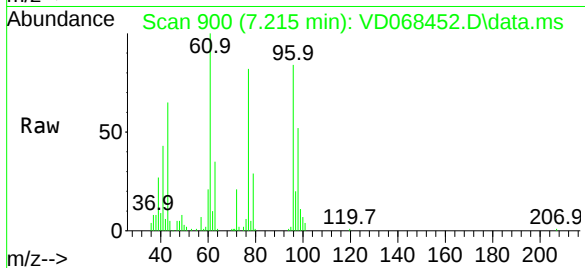
Acq: 26 Feb 2021 11:58

Tgt Ion:	96	Resp:	78903
Ion	Ratio	Lower	Upper
96	100		
61	135.2	0.0	257.4
98	64.6	0.0	126.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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#28

Bromochloromethane

Concen: 18.20 ug/l

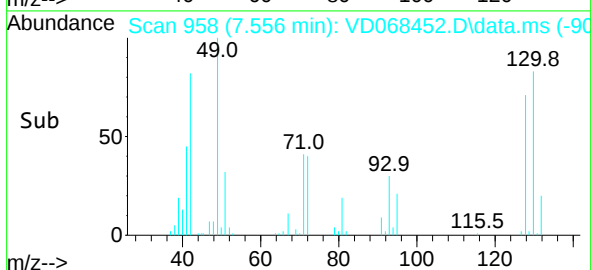
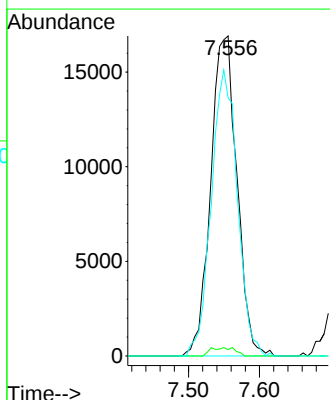
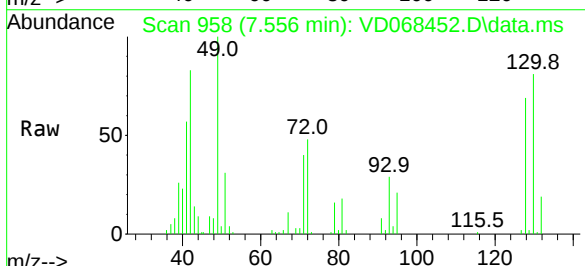
RT: 7.556 min Scan# 958

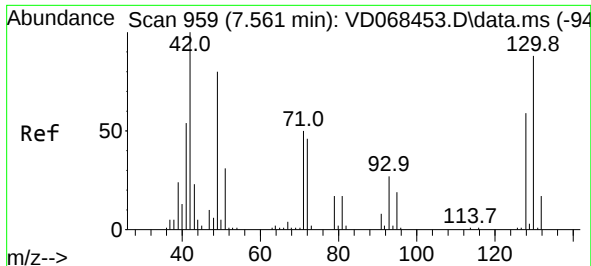
Delta R.T. 0.006 min

Lab File: VD068452.D

Acq: 26 Feb 2021 11:58

Tgt Ion:	49	Resp:	43427
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	89.1	85.5	128.3





#29

Tetrahydrofuran

Concen: 100.98 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.006 min

Lab File: VD068452.D

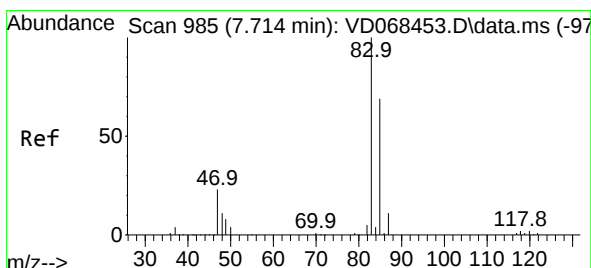
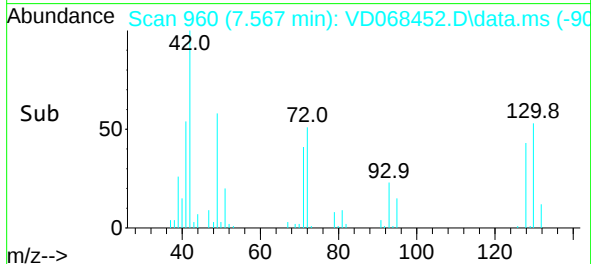
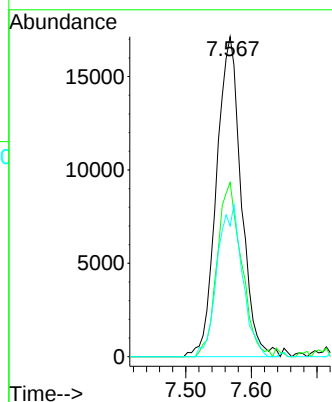
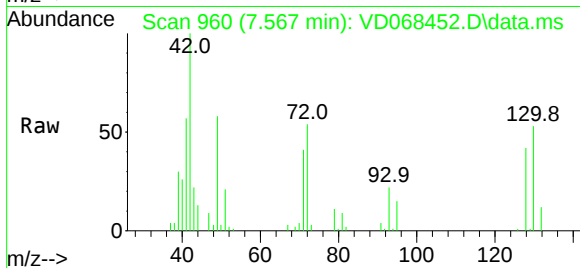
Acq: 26 Feb 2021 11:58

Tgt Ion:	42	Resp:	44811
Ion	Ratio	Lower	Upper
42	100		
72	53.4	43.4	65.0
71	48.2	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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#30

Chloroform

Concen: 20.56 ug/l

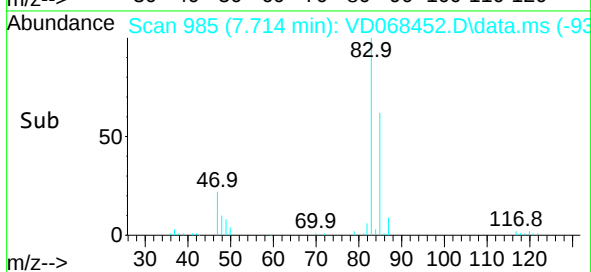
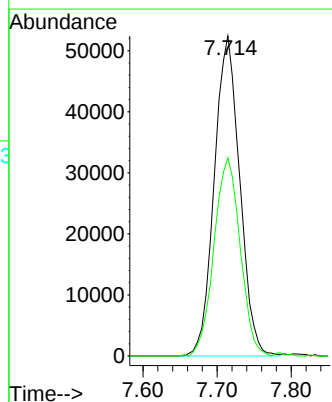
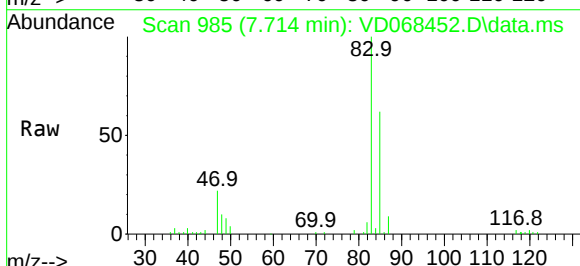
RT: 7.714 min Scan# 985

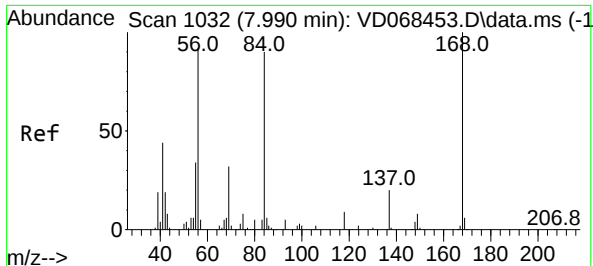
Delta R.T. 0.000 min

Lab File: VD068452.D

Acq: 26 Feb 2021 11:58

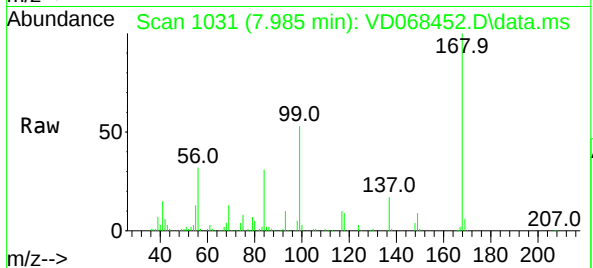
Tgt Ion:	83	Resp:	125067
Ion	Ratio	Lower	Upper
83	100		
85	61.9	53.4	80.0





#31
Cyclohexane
Concen: 20.56 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

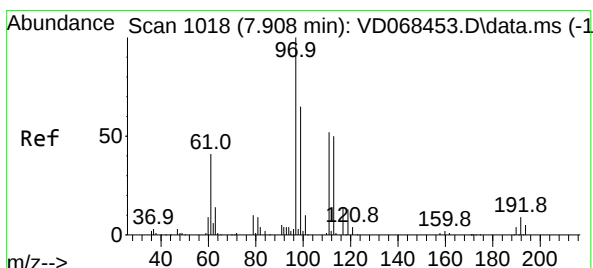
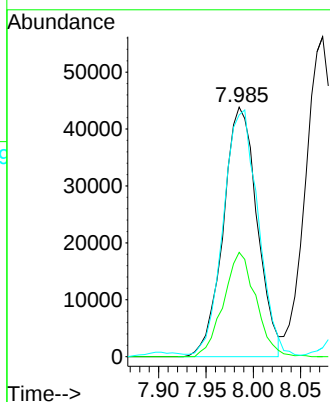
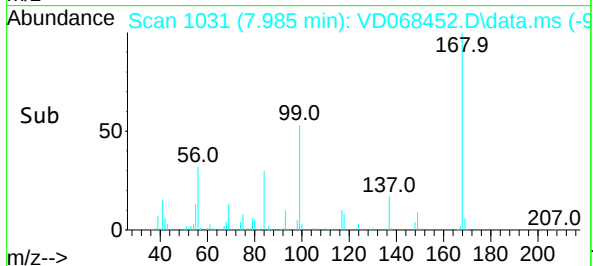
Instrument :
MSVOA_D
ClientSampled :
VSTDIC020



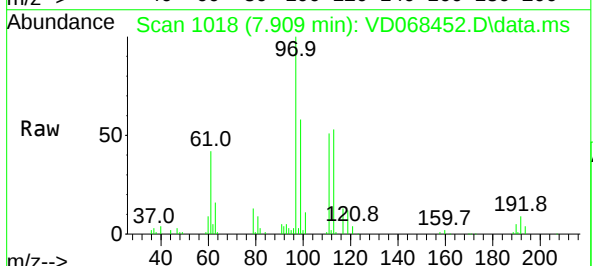
Tgt Ion: 56 Resp: 109142
Ion Ratio Lower Upper
56 100
69 41.8 30.1 45.1
84 95.5 82.1 123.1

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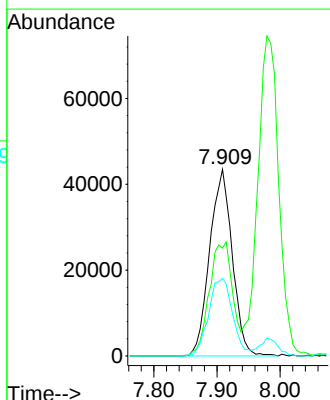
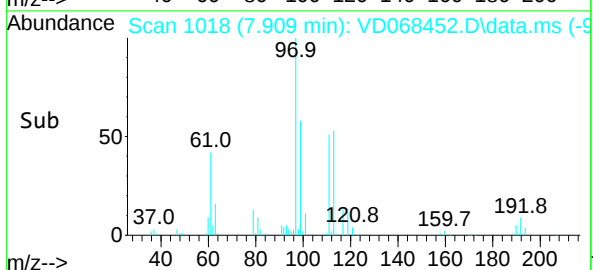
MMDadoda
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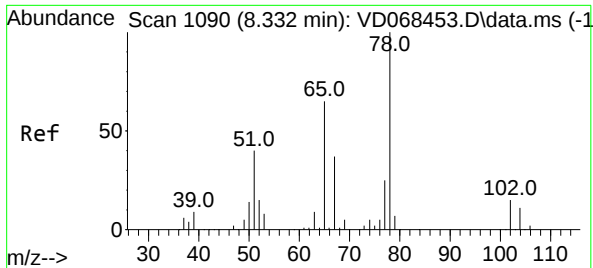


#32
1,1,1-Trichloroethane
Concen: 20.62 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.001 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58



Tgt Ion: 97 Resp: 108108
Ion Ratio Lower Upper
97 100
99 63.0 52.1 78.1
61 44.4 30.1 45.1





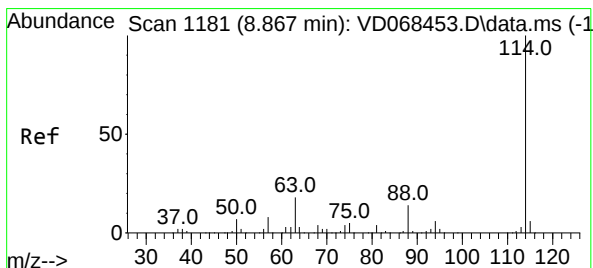
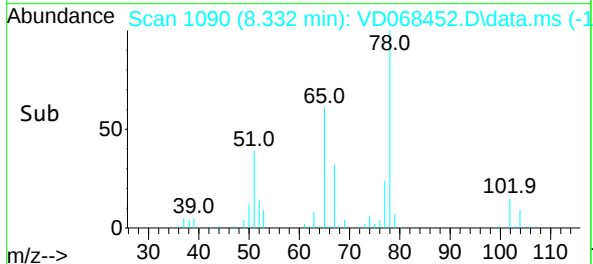
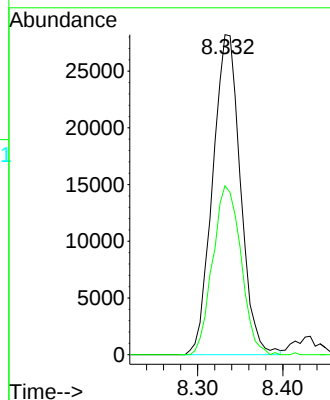
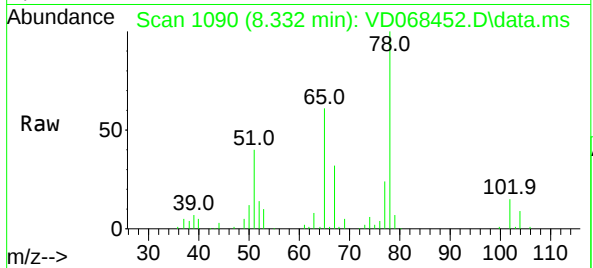
#33
1,2-Dichloroethane-d4
Concen: 20.49 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.001 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion: 65 Resp: 63821
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

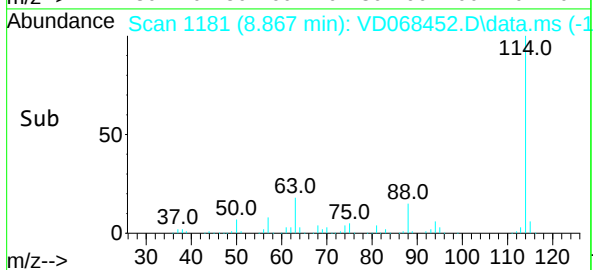
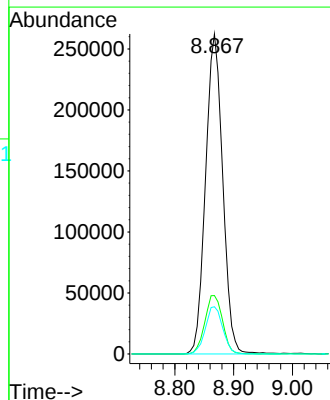
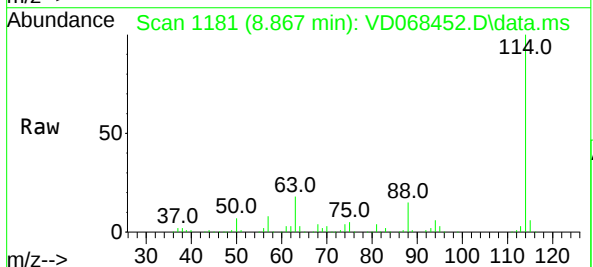
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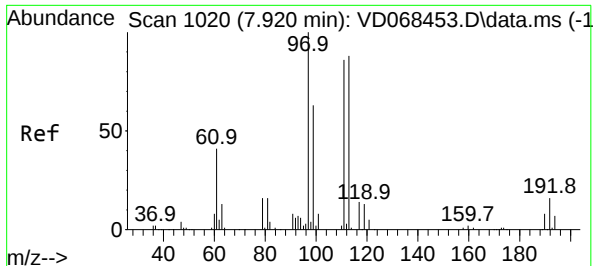
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.001 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion: 114 Resp: 530556
Ion Ratio Lower Upper
114 100
63 18.3 0.0 34.8
88 14.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 20.82 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068452.D

Acq: 26 Feb 2021 11:58

Tgt Ion:	113	Resp:	65224
Ion Ratio	Lower	Upper	
113	100		
111	104.6	81.4	122.0
192	18.2	16.1	24.1

Instrument :

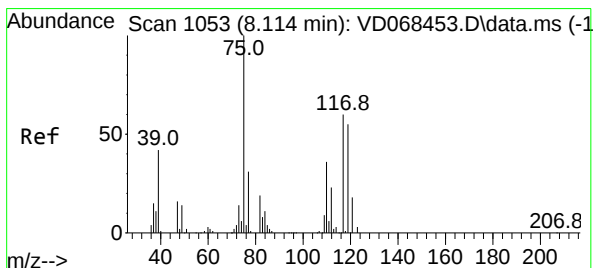
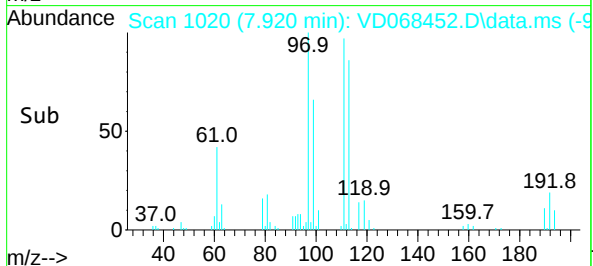
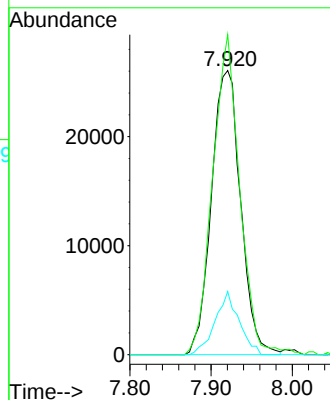
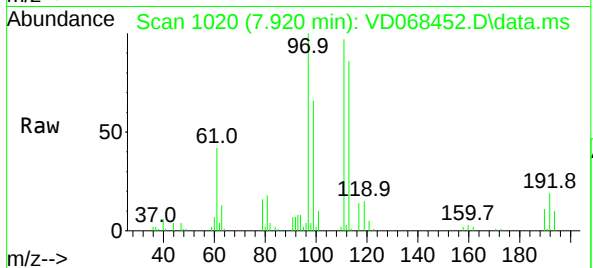
MSVOA_D

ClientSampleId :

VSTDIC020

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#36

1,1-Dichloropropene

Concen: 20.31 ug/l

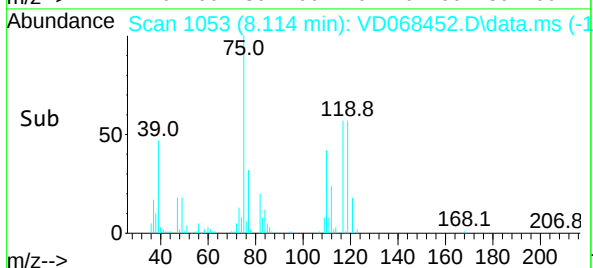
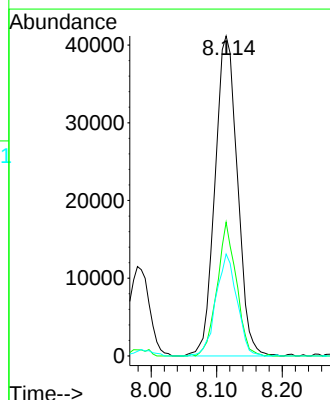
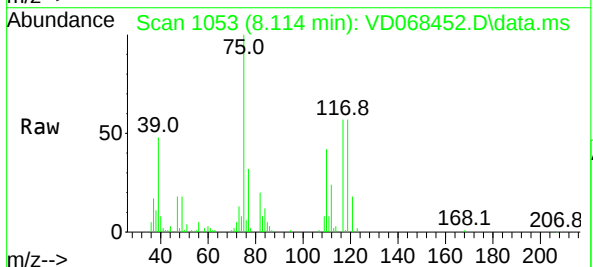
RT: 8.114 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VD068452.D

Acq: 26 Feb 2021 11:58

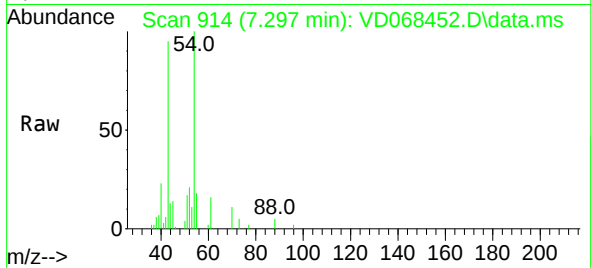
Tgt Ion:	75	Resp:	97678
Ion Ratio	Lower	Upper	
75	100		
110	36.1	19.4	58.2
77	29.8	25.3	37.9



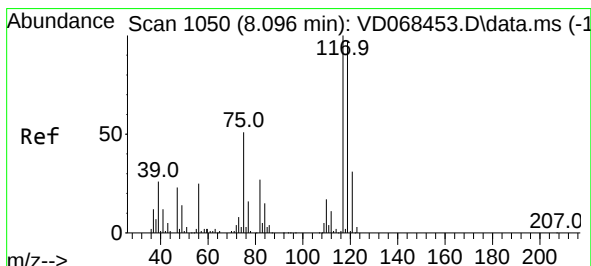
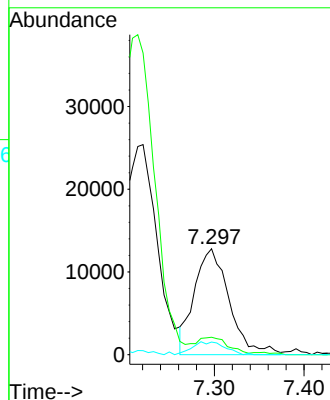
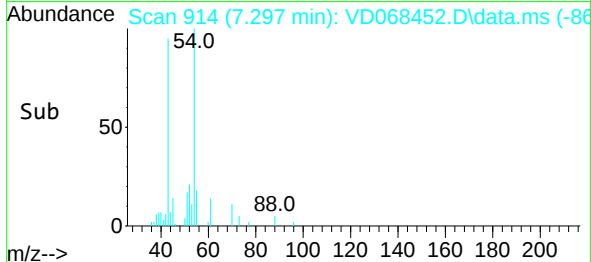


#37
Ethyl Acetate
Concen: 21.66 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

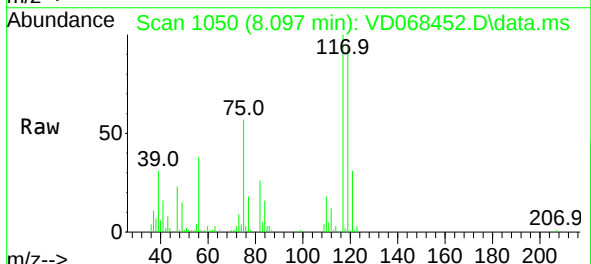
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



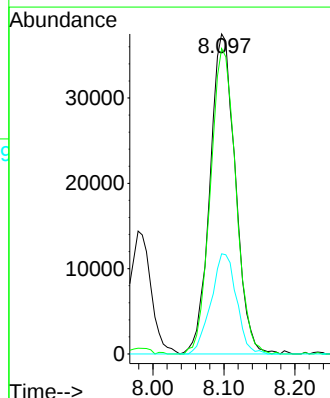
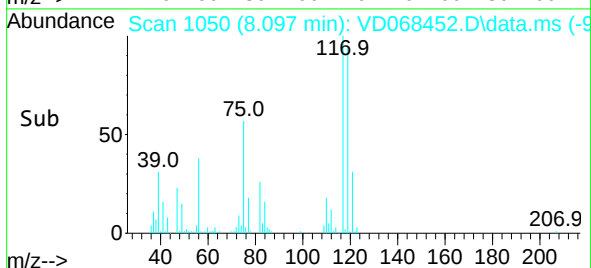
Tgt Ion: 43 Resp: 34537
Ion Ratio Lower Upper
43 100
61 12.9 12.9 19.3#
70 11.3 11.0 16.6

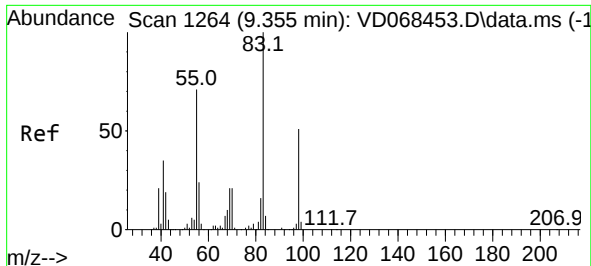


#38
Carbon Tetrachloride
Concen: 20.45 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.001 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58



Tgt Ion: 117 Resp: 93017
Ion Ratio Lower Upper
117 100
119 95.5 77.3 115.9
121 31.3 24.7 37.1





#39

Methylcyclohexane

Concen: 20.27 ug/l

RT: 9.356 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068452.D

Acq: 26 Feb 2021 11:58

Tgt Ion:	83	Resp:	119908
Ion	Ratio	Lower	Upper
83	100		
55	73.6	55.2	82.8
98	50.4	39.1	58.7

Instrument :

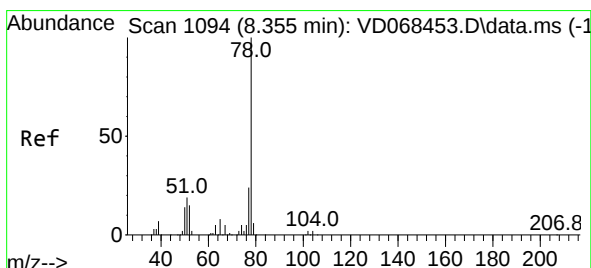
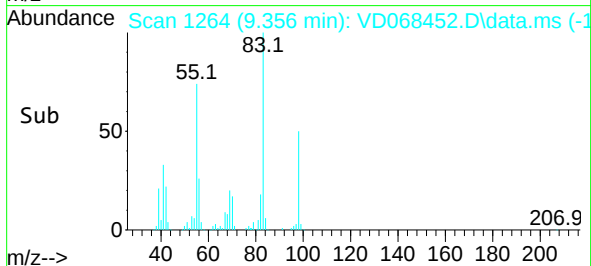
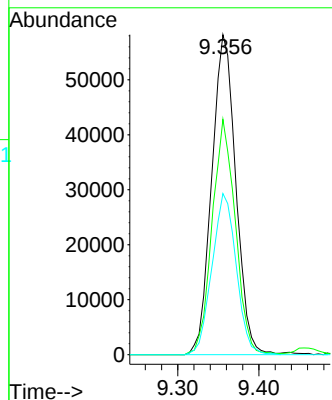
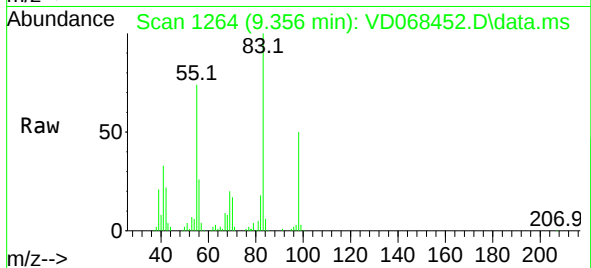
MSVOA_D

ClientSampleId :

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#40

Benzene

Concen: 21.02 ug/l

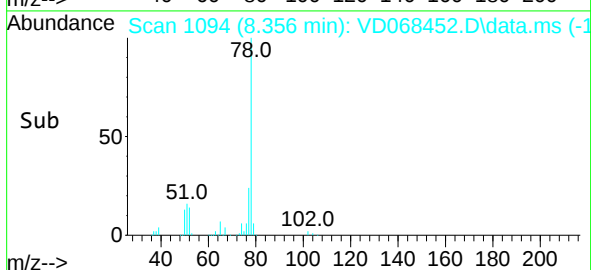
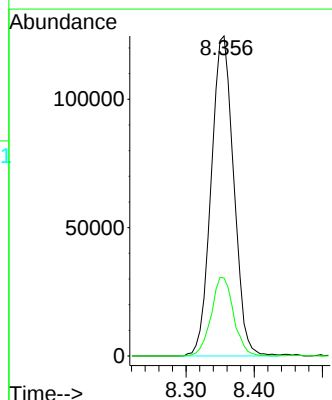
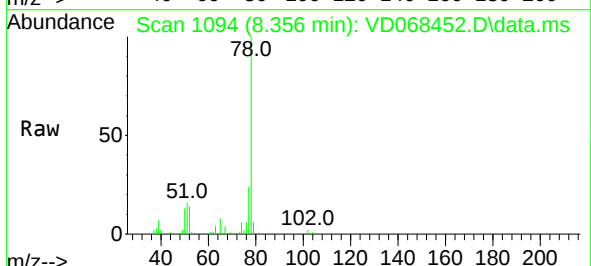
RT: 8.356 min Scan# 1094

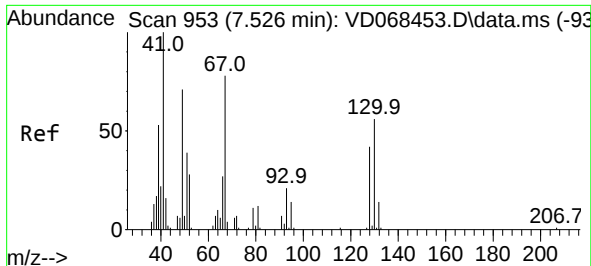
Delta R.T. 0.000 min

Lab File: VD068452.D

Acq: 26 Feb 2021 11:58

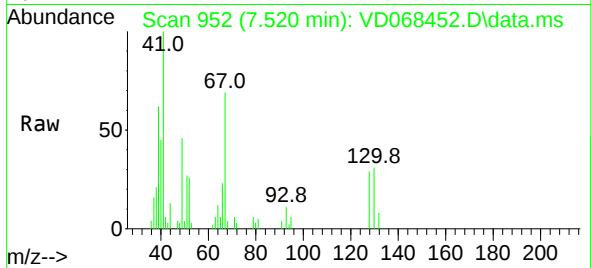
Tgt Ion:	78	Resp:	286811
Ion	Ratio	Lower	Upper
78	100		
77	24.3	17.8	26.6





#41
Methacrylonitrile
Concen: 19.84 ug/l
RT: 7.520 min Scan# 952
Delta R.T. -0.005 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

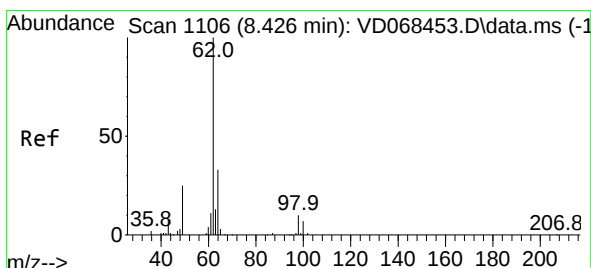
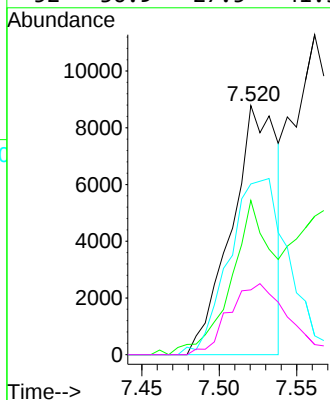
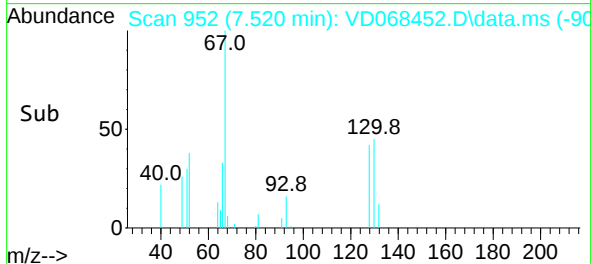
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



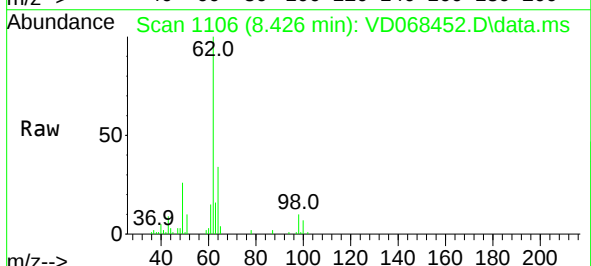
Tgt Ion:	41	Resp:	17933
Ion Ratio	Lower	Upper	
41	100		
39	55.3	45.2	67.8
67	92.3	67.4	101.2
52	36.9	27.5	41.3

Manual Integrations
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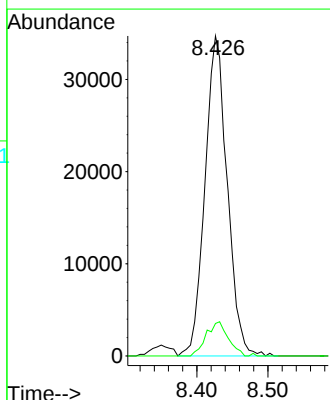
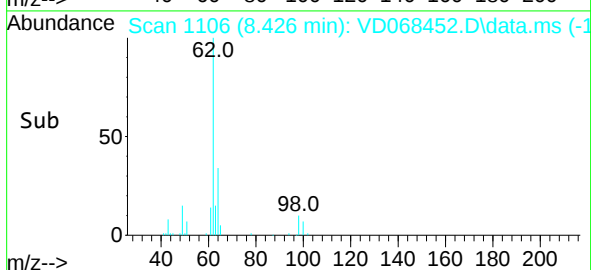
MMDadoda
3/1/2021 10:05:31 AM



#42
1,2-Dichloroethane
Concen: 20.87 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58



Tgt Ion:	62	Resp:	75781
Ion Ratio	Lower	Upper	
62	100		
98	10.5	0.0	21.8





#43

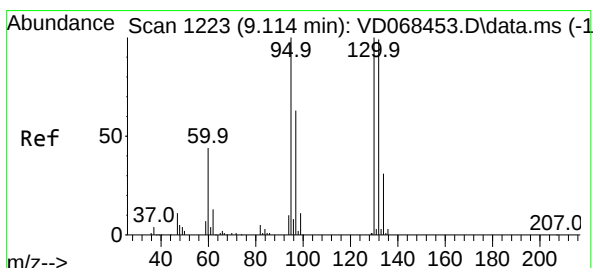
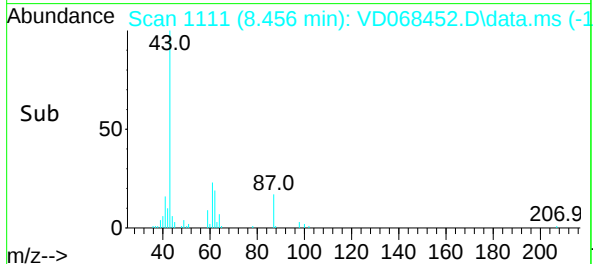
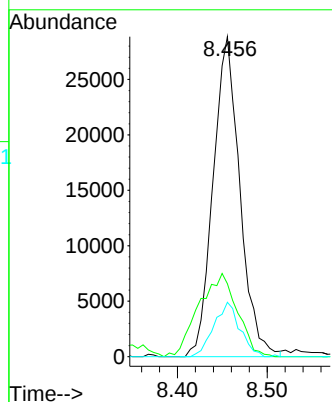
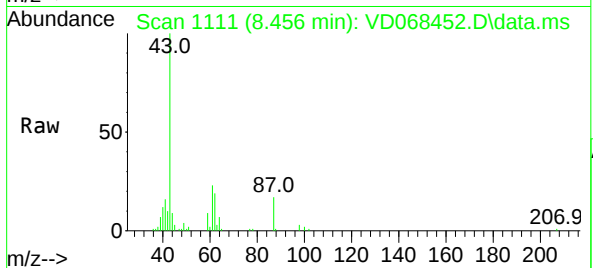
Isopropyl Acetate
Concen: 19.61 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion:	43	Resp:	59744
Ion Ratio	Lower	Upper	
43	100		
61	37.5	28.7	43.1
87	16.5	13.9	20.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
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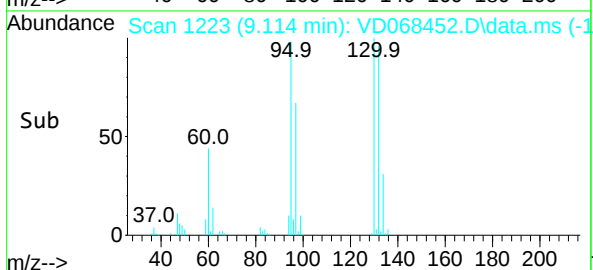
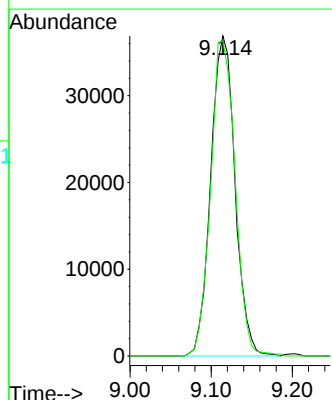
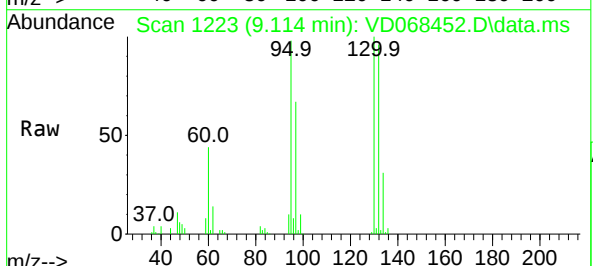
MMDadoda
3/1/2021 10:05:31 AM

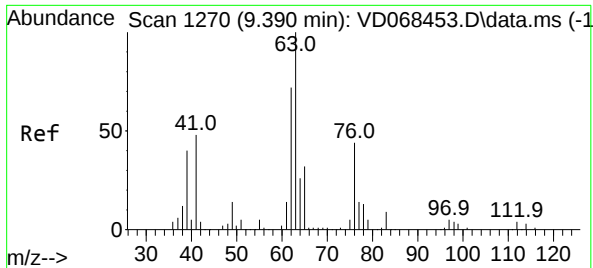


#44

Trichloroethene
Concen: 20.69 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.001 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion:	130	Resp:	76832
Ion Ratio	Lower	Upper	
130	100		
95	98.5	0.0	191.2





#45

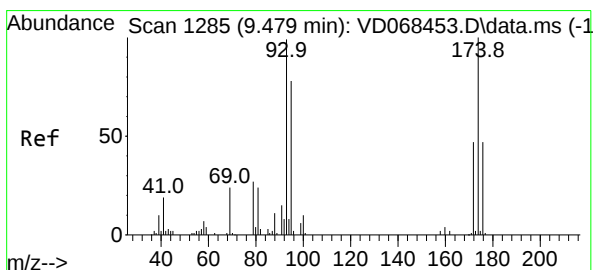
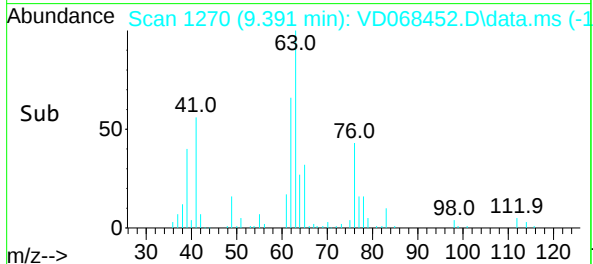
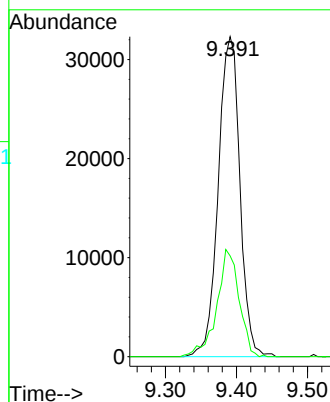
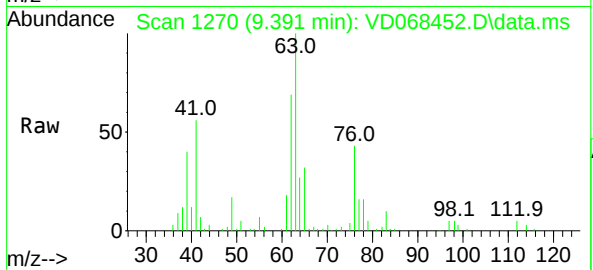
1,2-Dichloropropane
Concen: 20.49 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.001 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion: 63 Resp: 68245
Ion Ratio Lower Upper
63 100
65 31.5 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

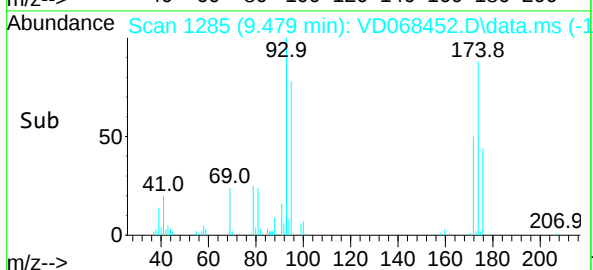
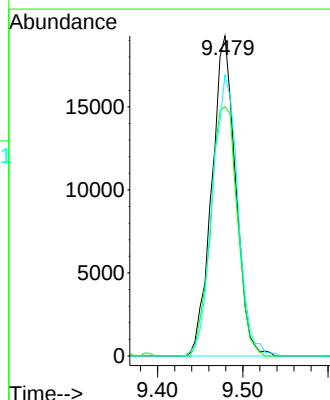
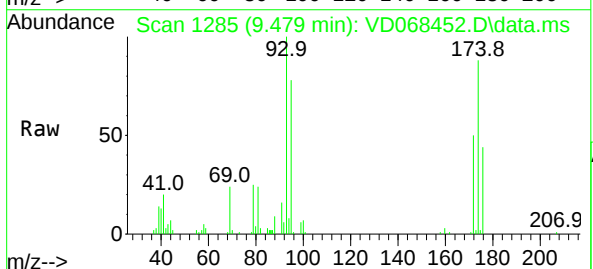
MMDadoda
3/1/2021 10:05:31 AM

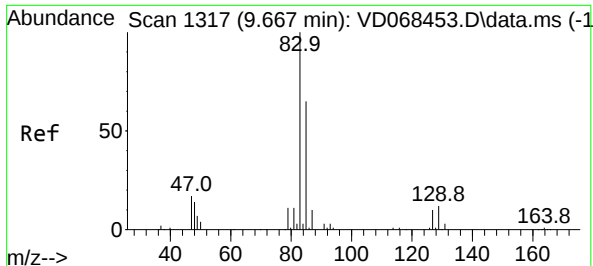


#46

Dibromomethane
Concen: 20.96 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.001 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

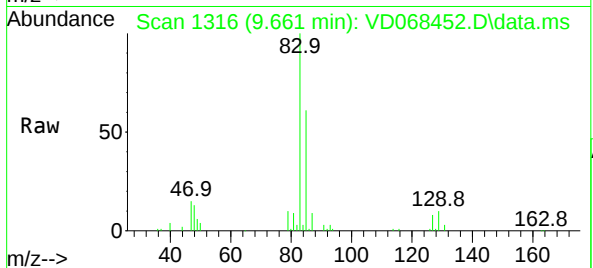
Tgt Ion: 93 Resp: 37574
Ion Ratio Lower Upper
93 100
95 86.8 67.3 100.9
174 93.2 84.6 127.0





#47
Bromodichloromethane
Concen: 20.73 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.005 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

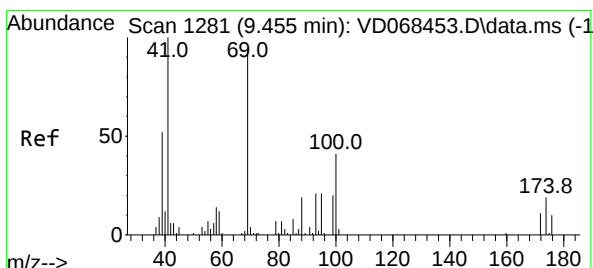
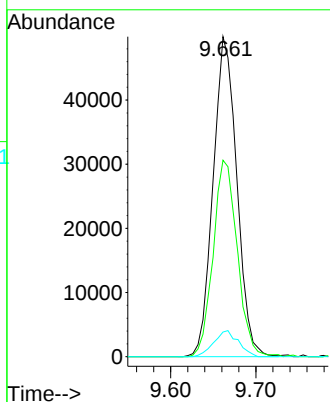
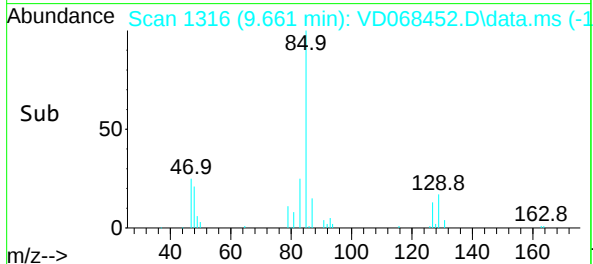
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



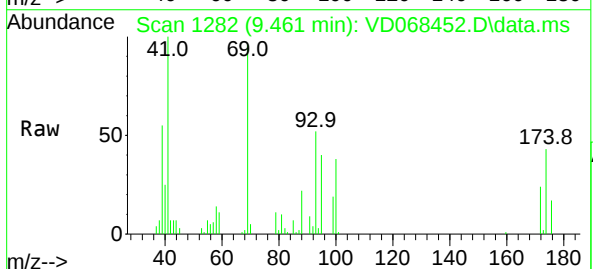
Tgt Ion: 83 Resp: 96415
Ion Ratio Lower Upper
83 100
85 61.4 51.6 77.4
127 7.7 7.4 11.0

Manual Integrations
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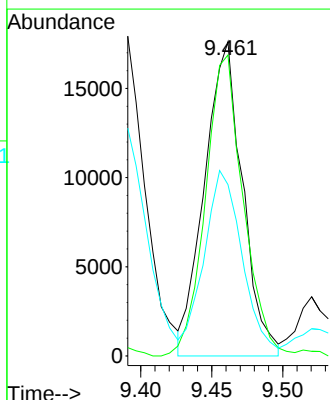
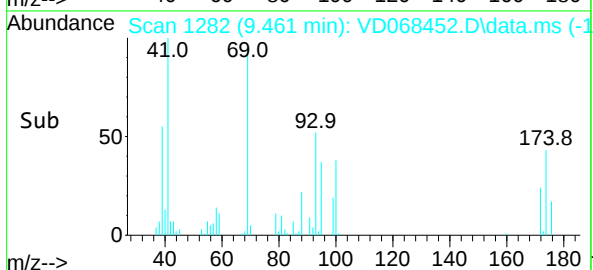
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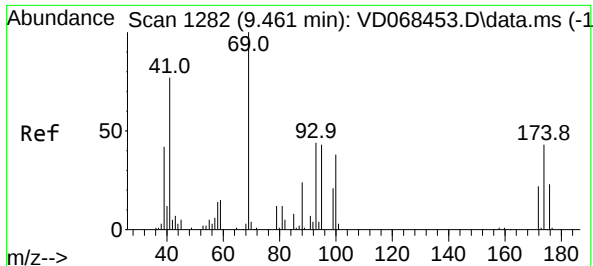


#48
Methyl methacrylate
Concen: 21.14 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.006 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58



Tgt Ion: 41 Resp: 32816
Ion Ratio Lower Upper
41 100
69 95.0 77.1 115.7
39 54.1 41.5 62.3





#49

1,4-Dioxane

Concen: 402.08 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.006 min

Lab File: VD068452.D

Acq: 26 Feb 2021 11:58

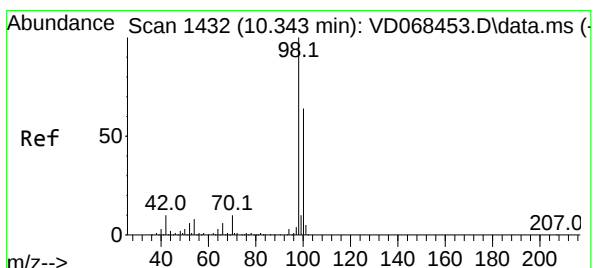
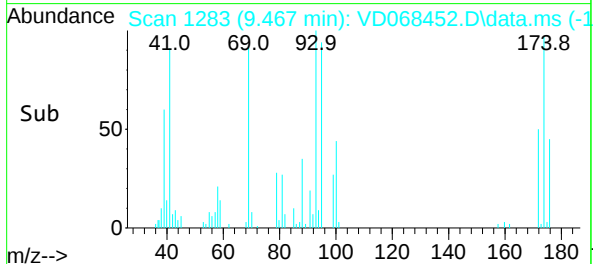
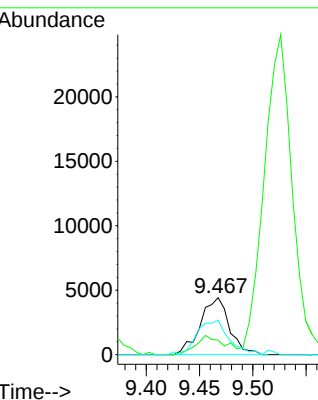
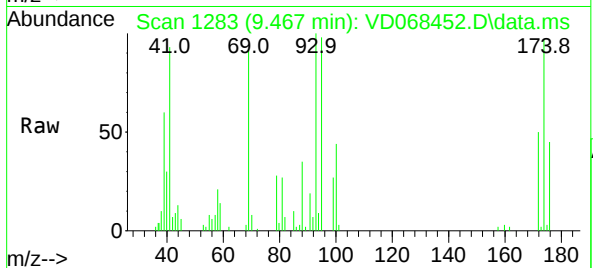
Tgt Ion: 88 Resp: 8360

Ion Ratio Lower Upper

88 100

43 33.1 22.1 33.1#

58 65.7 46.7 70.1



#50

Toluene-d8

Concen: 20.66 ug/l

RT: 10.344 min Scan# 1432

Delta R.T. 0.001 min

Lab File: VD068452.D

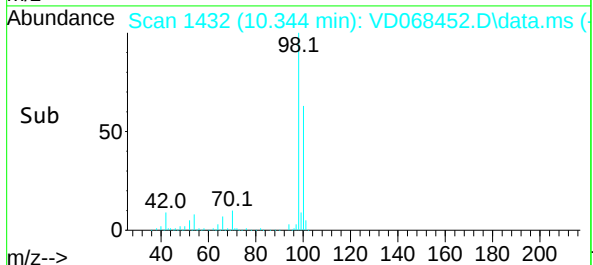
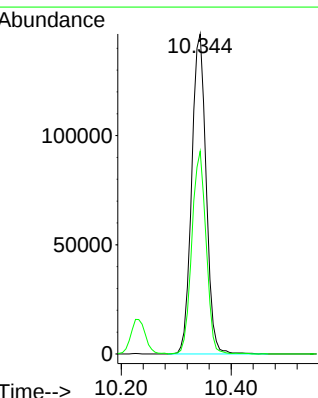
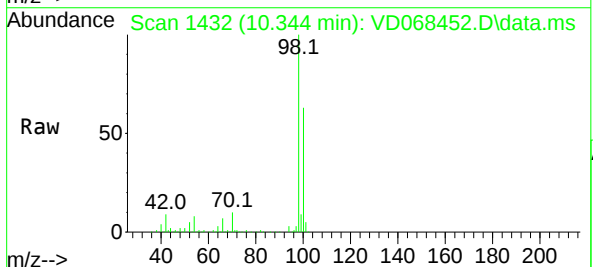
Acq: 26 Feb 2021 11:58

Tgt Ion: 98 Resp: 266980

Ion Ratio Lower Upper

98 100

100 62.6 53.0 79.4



Instrument :

MSVOA_D

ClientSampleId :

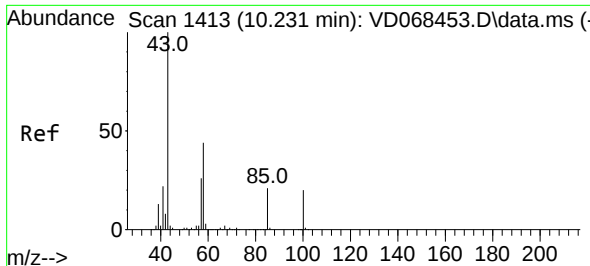
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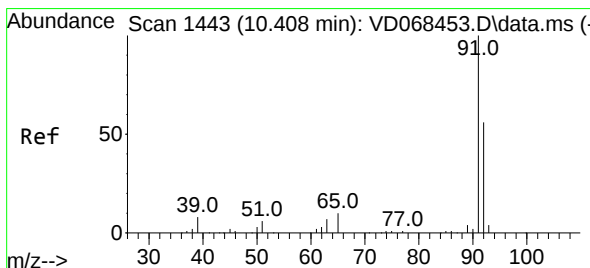
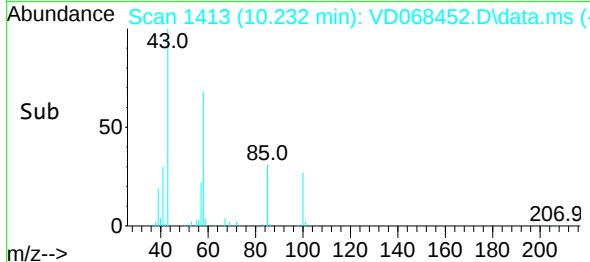
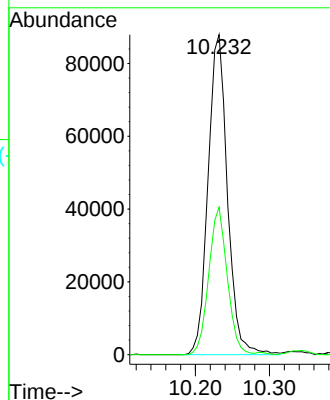
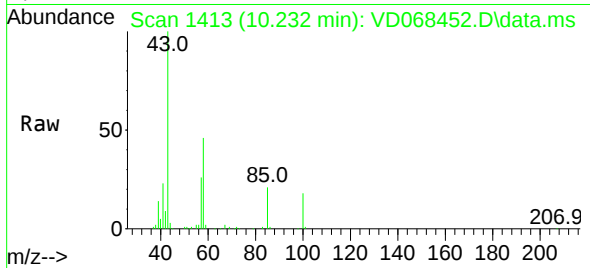
#51
4-Methyl-2-Pentanone
Concen: 101.68 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.001 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion: 43 Resp: 159778
Ion Ratio Lower Upper
43 100
58 44.0 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

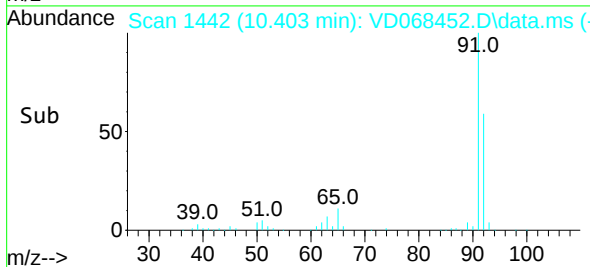
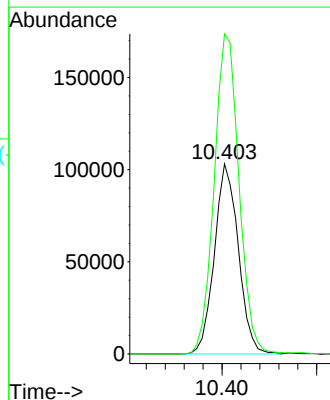
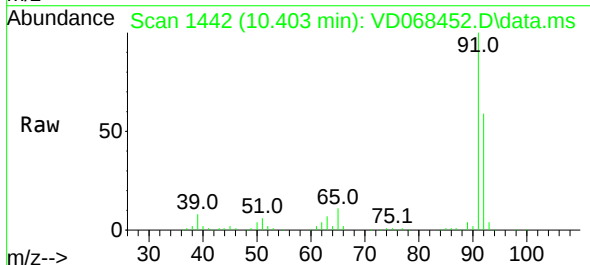
Manual Integrations
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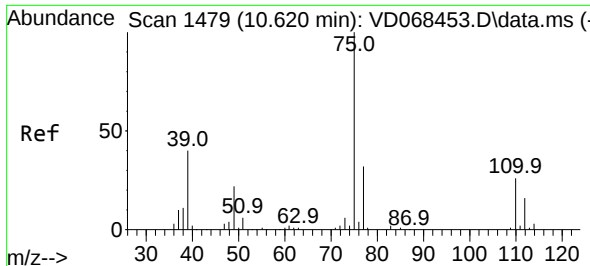
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#52
Toluene
Concen: 20.57 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. -0.005 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion: 92 Resp: 180638
Ion Ratio Lower Upper
92 100
91 175.1 134.1 201.1





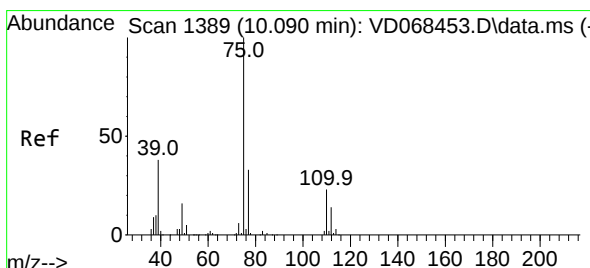
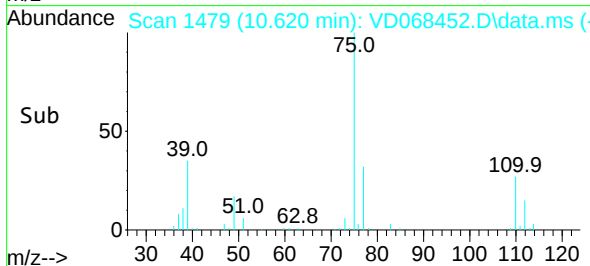
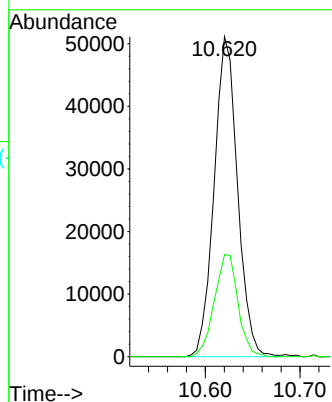
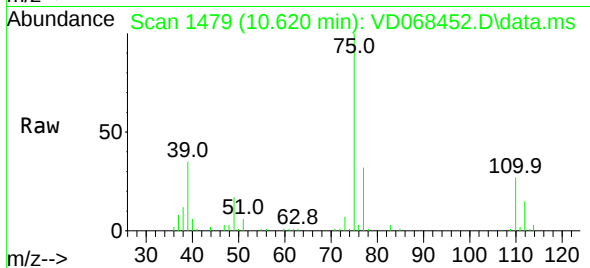
#53
 t-1,3-Dichloropropene
 Concen: 20.46 ug/l
 RT: 10.620 min Scan# 1479
 Delta R.T. 0.001 min
 Lab File: VD068452.D
 Acq: 26 Feb 2021 11:58

Tgt Ion: 75 Resp: 87776
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.4

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

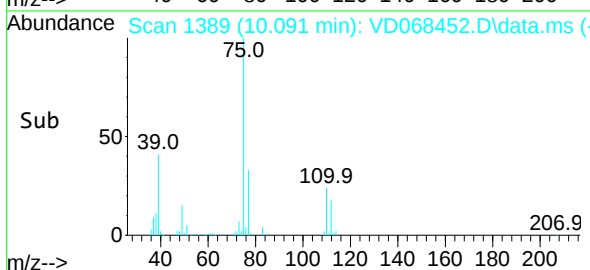
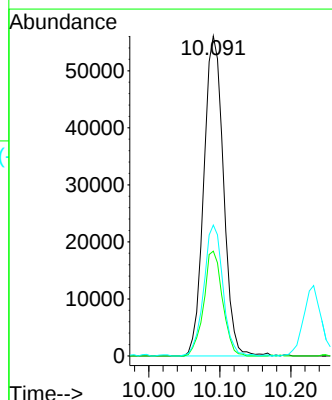
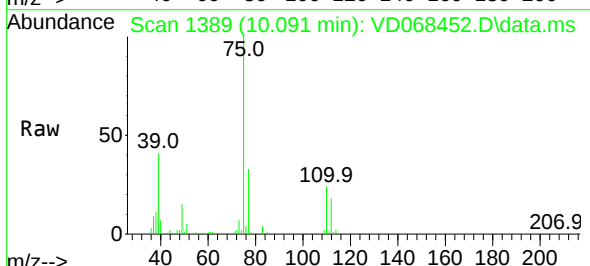
Manual Integrations
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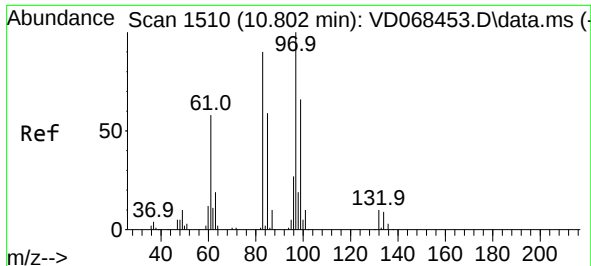
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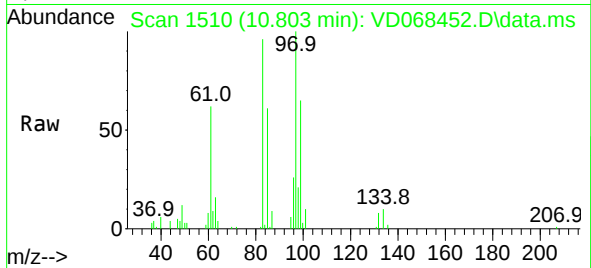
#54
 cis-1,3-Dichloropropene
 Concen: 20.45 ug/l
 RT: 10.091 min Scan# 1389
 Delta R.T. 0.001 min
 Lab File: VD068452.D
 Acq: 26 Feb 2021 11:58

Tgt Ion: 75 Resp: 107925
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.6 37.0
 39 40.9 31.4 47.0

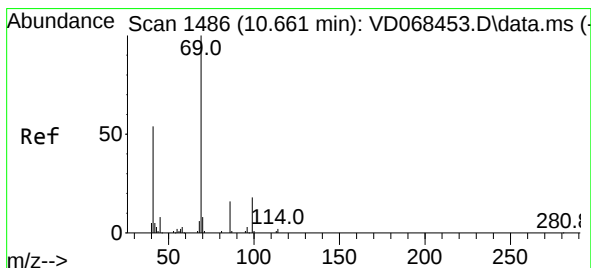
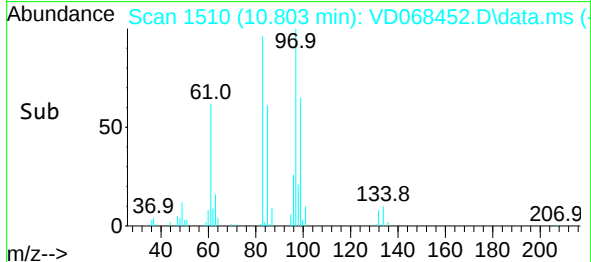
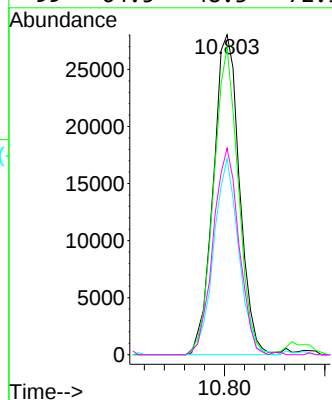




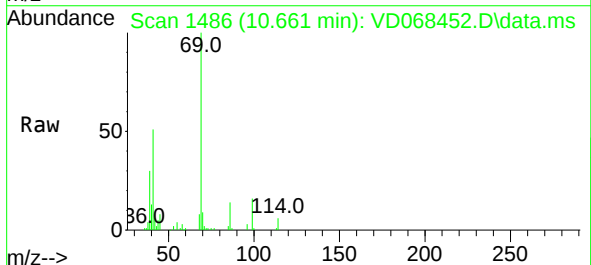
#55
1,1,2-Trichloroethane
Concen: 20.41 ug/l
RT: 10.803 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58



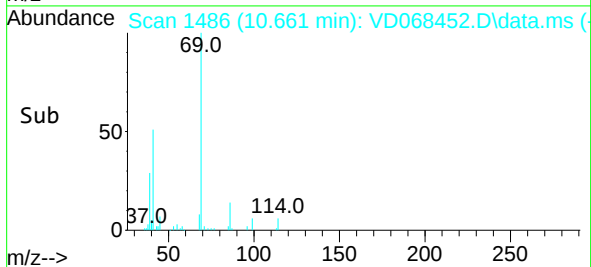
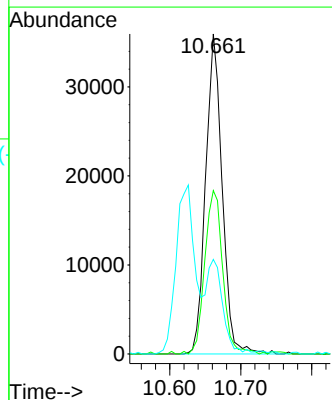
Tgt Ion:	97	Resp:	50717
Ion	Ratio	Lower	Upper
97	100		
83	96.0	61.8	92.6#
85	61.2	42.2	63.2
99	64.5	48.3	72.5



#56
Ethyl methacrylate
Concen: 19.90 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58



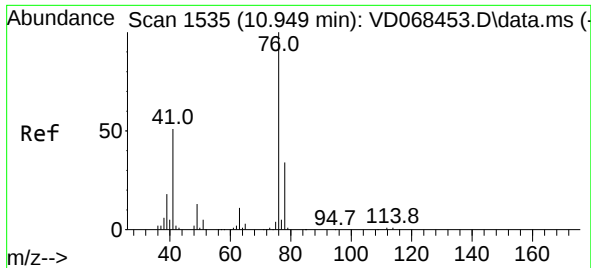
Tgt Ion:	69	Resp:	58235
Ion	Ratio	Lower	Upper
69	100		
41	55.4	44.9	67.3
39	29.1	21.9	32.9



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
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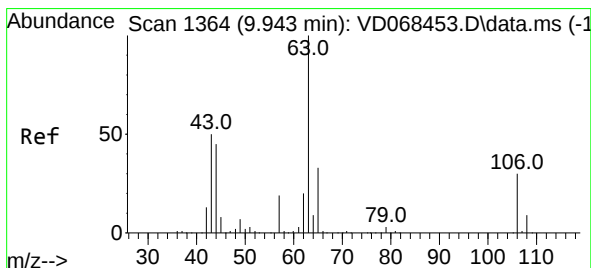
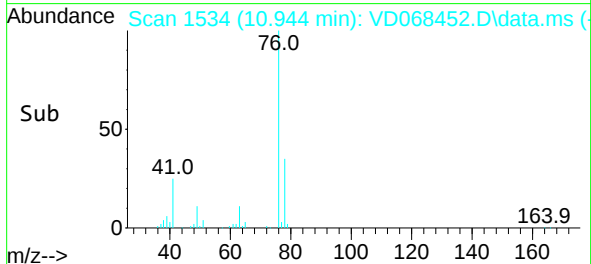
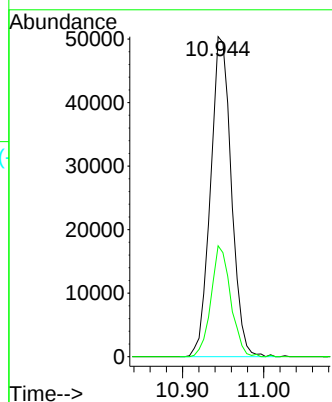
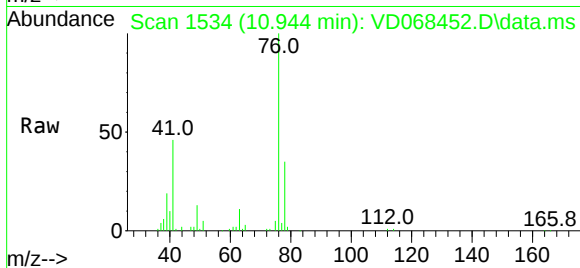
#57
1,3-Dichloropropane
Concen: 20.61 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.005 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion: 76 Resp: 89840
Ion Ratio Lower Upper
76 100
78 32.7 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

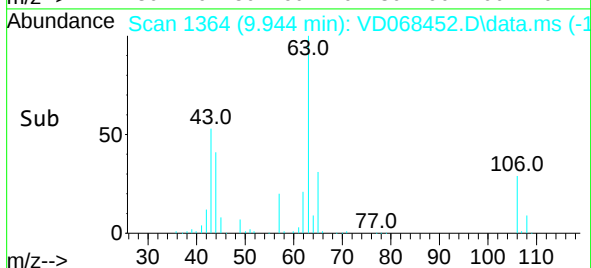
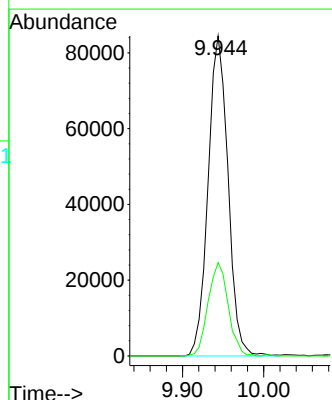
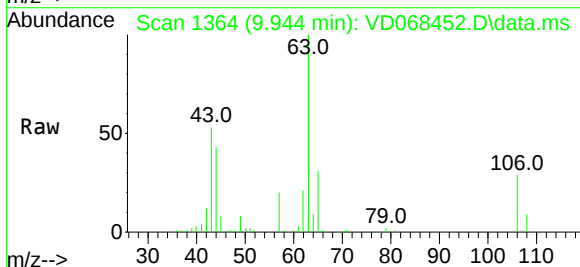
Manual Integrations
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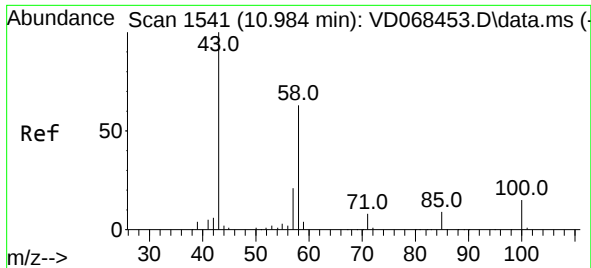
MMDadoda
3/1/2021 10:05:31 AM



#58
2-Chloroethyl Vinyl ether
Concen: 93.04 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.001 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion: 63 Resp: 144012
Ion Ratio Lower Upper
63 100
106 29.3 27.0 40.4





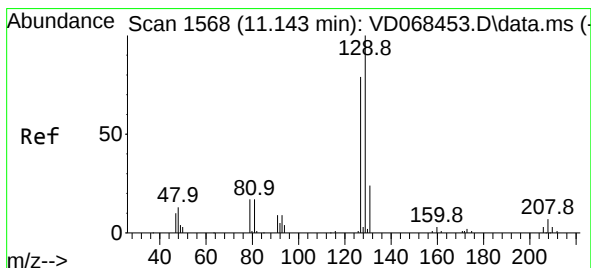
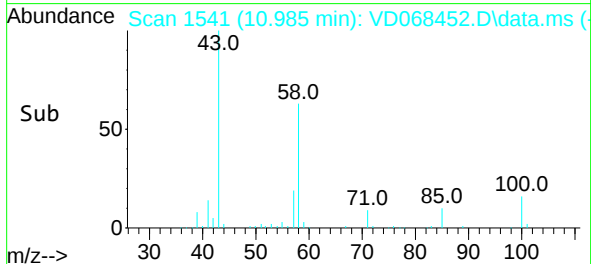
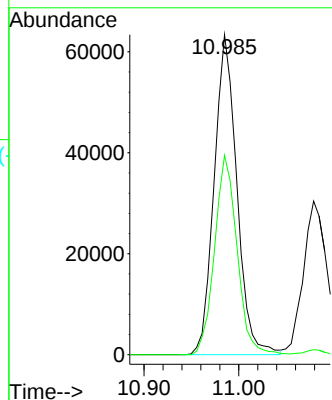
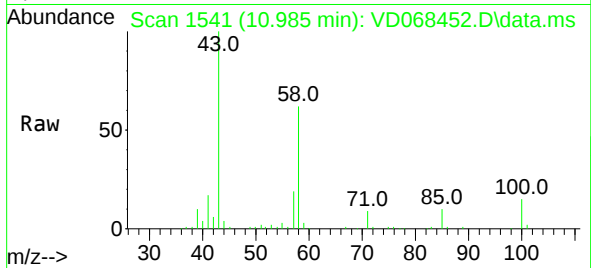
#59
2-Hexanone
Concen: 99.24 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.001 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion: 43 Resp: 105489
Ion Ratio Lower Upper
43 100
58 61.8 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

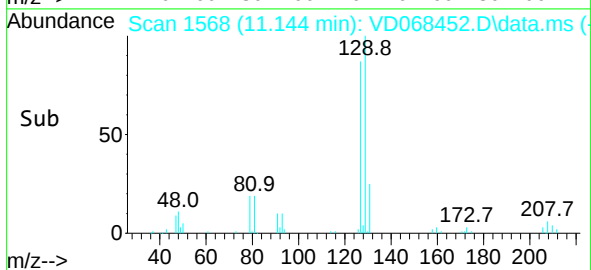
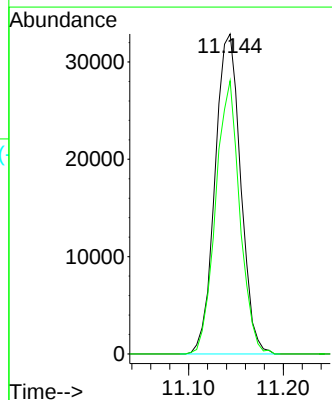
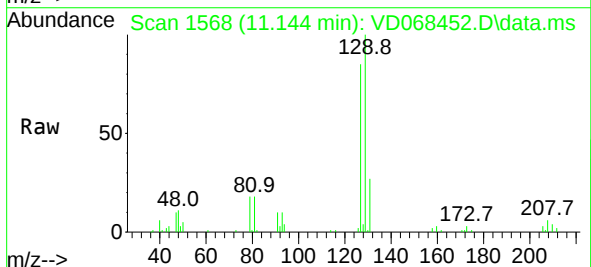
Manual Integrations
APPROVED

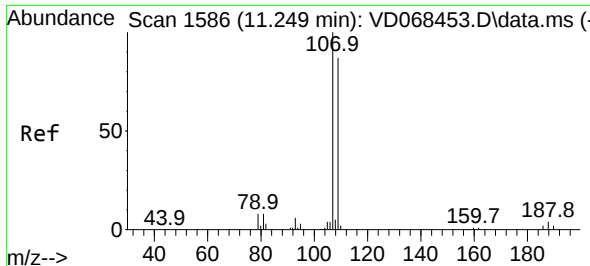
MMDadoda
3/1/2021 10:05:31 AM



#60
Dibromochloromethane
Concen: 19.97 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

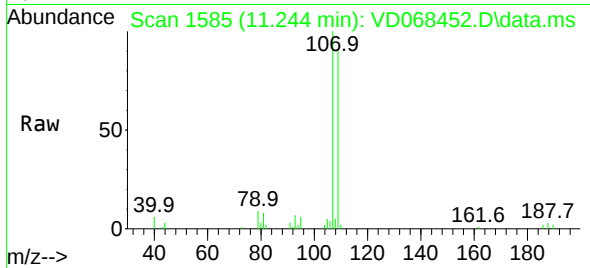
Tgt Ion: 129 Resp: 61739
Ion Ratio Lower Upper
129 100
127 80.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.89 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.005 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

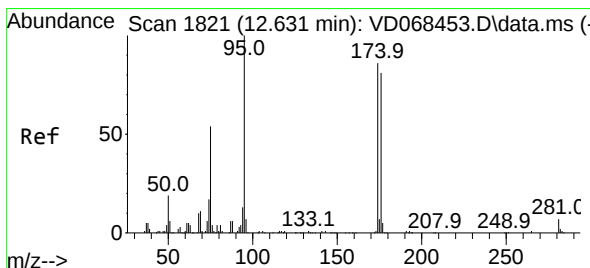
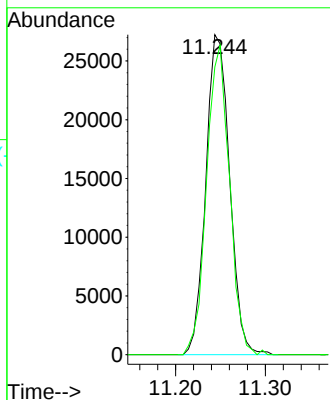
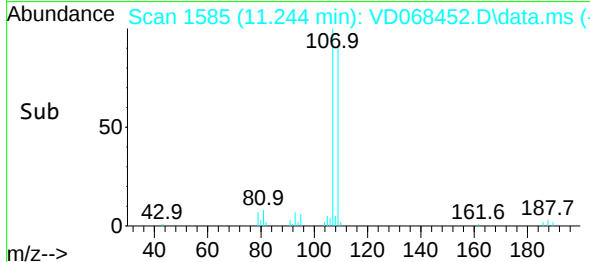
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



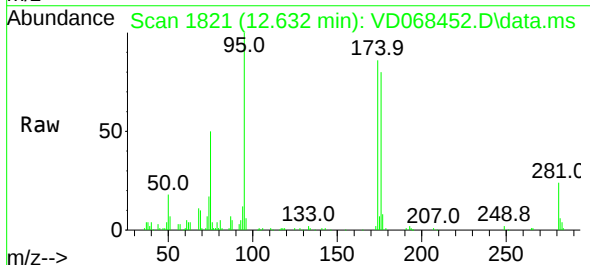
Tgt Ion:107 Resp: 50265
Ion Ratio Lower Upper
107 100
109 93.0 74.8 112.2

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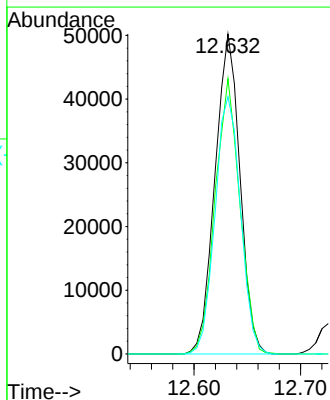
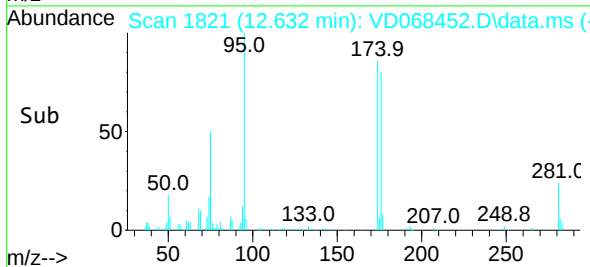
MMDadoda
3/1/2021 10:05:31 AM

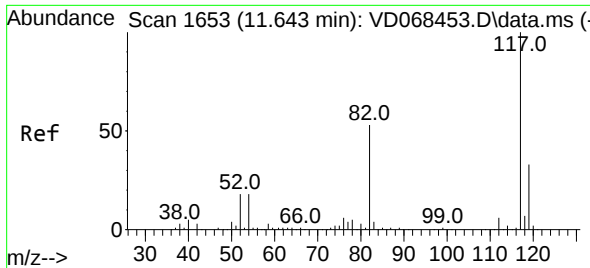


#62
4-Bromofluorobenzene
Concen: 19.32 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58



Tgt Ion: 95 Resp: 81687
Ion Ratio Lower Upper
95 100
174 85.2 0.0 172.4
176 81.8 0.0 168.4





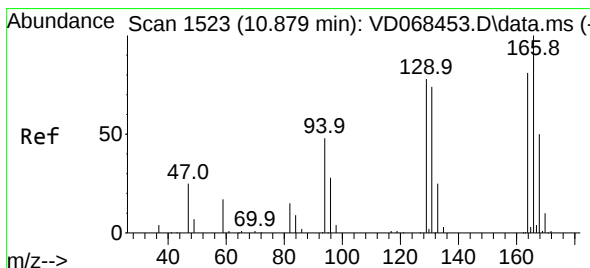
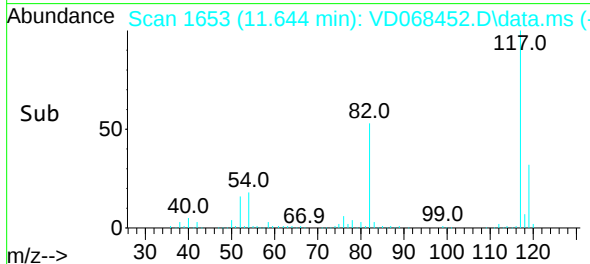
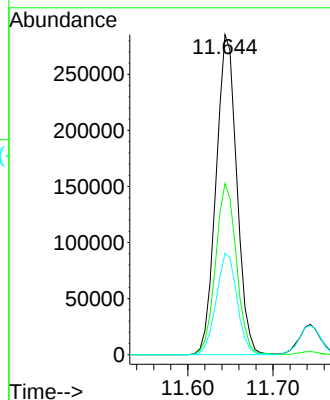
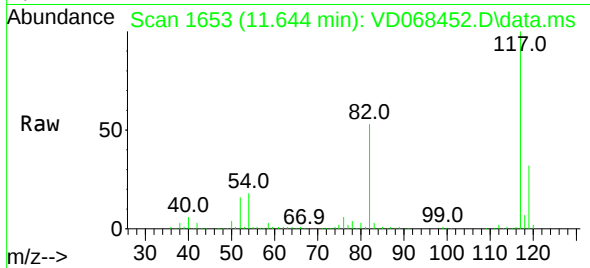
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion:117 Resp: 483822
Ion Ratio Lower Upper
117 100
82 53.5 41.4 62.0
119 31.6 26.1 39.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

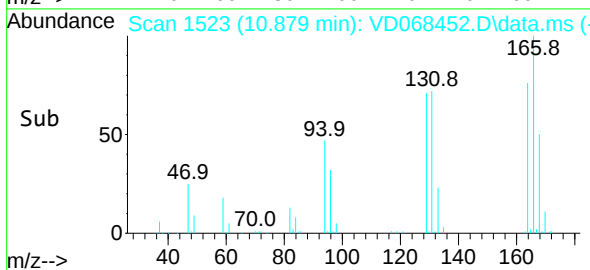
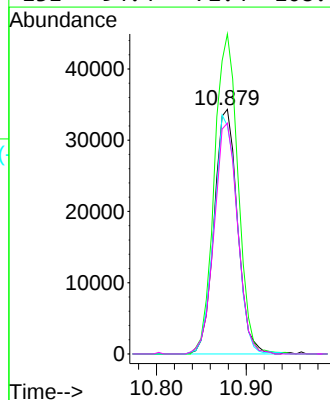
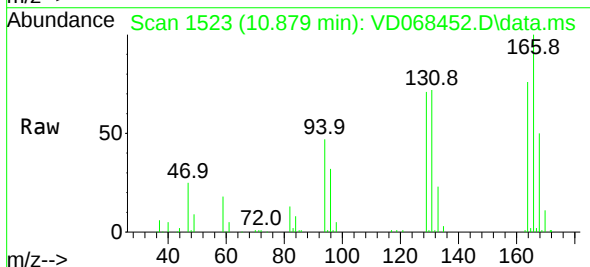
Manual Integrations
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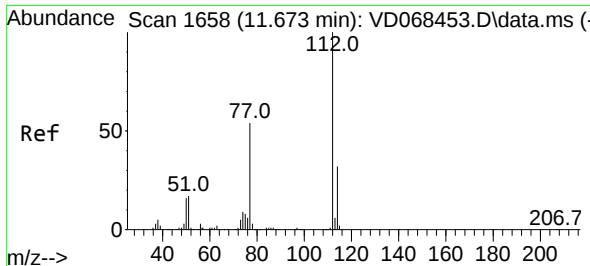
MMDadoda
3/1/2021 10:05:31 AM



#64
Tetrachloroethene
Concen: 20.39 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

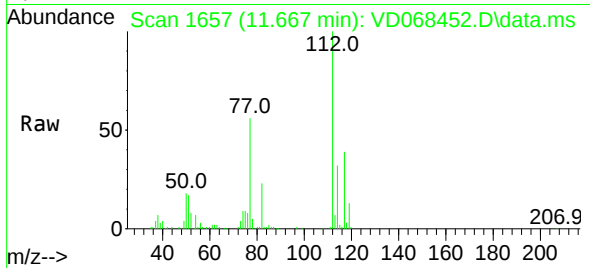
Tgt Ion:164 Resp: 61828
Ion Ratio Lower Upper
164 100
166 130.8 105.5 158.3
129 93.3 75.6 113.4
131 94.4 72.4 108.6





#65
Chlorobenzene
Concen: 20.40 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.005 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

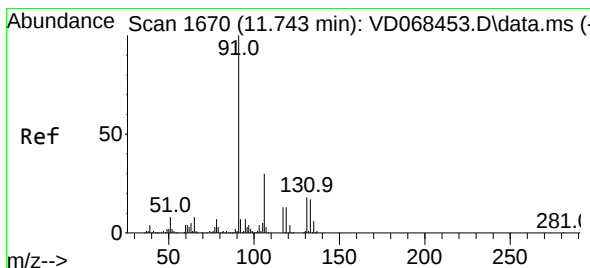
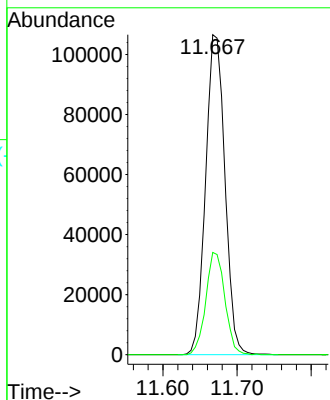
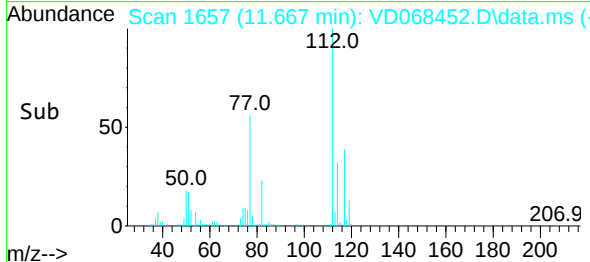
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



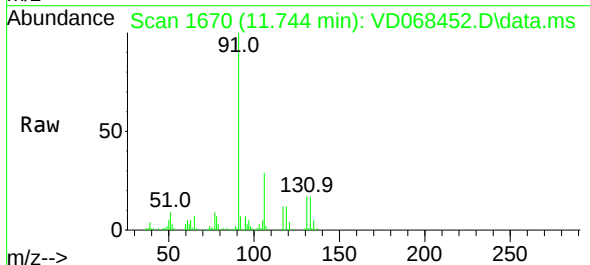
Tgt Ion:112 Resp: 192657
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

Manual Integrations
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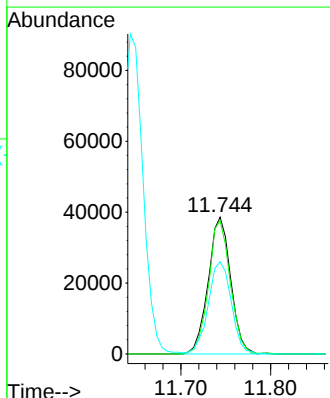
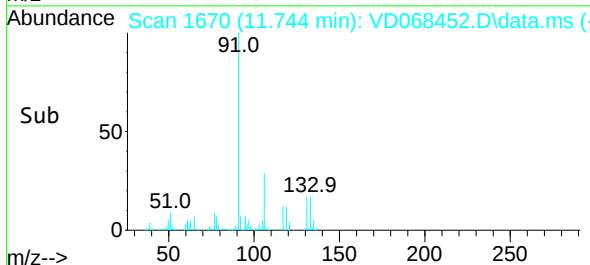
MMDadoda
3/1/2021 10:05:31 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.42 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58



Tgt Ion:131 Resp: 67120
Ion Ratio Lower Upper
131 100
133 94.4 48.1 144.4
119 69.0 31.6 94.8





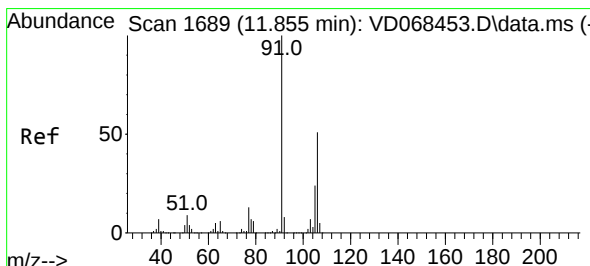
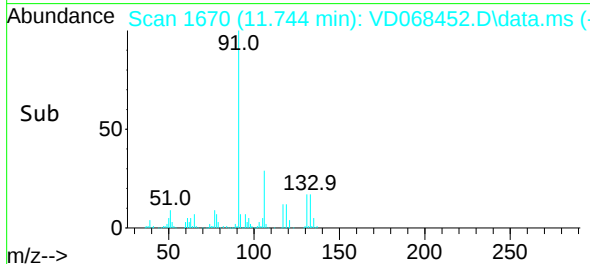
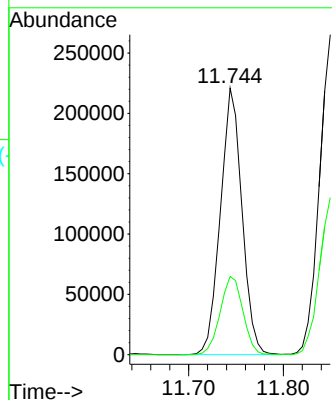
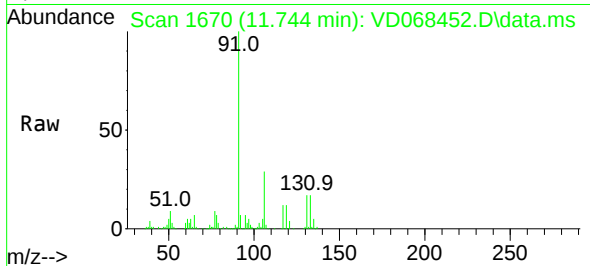
#67
Ethyl Benzene
Concen: 20.68 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion: 91 Resp: 350217
Ion Ratio Lower Upper
91 100
106 29.4 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

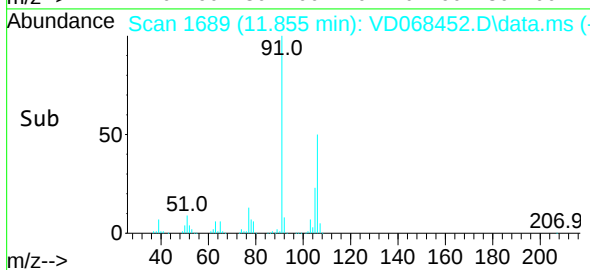
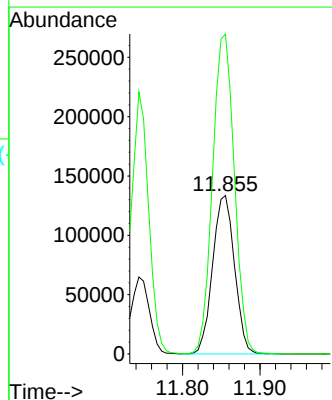
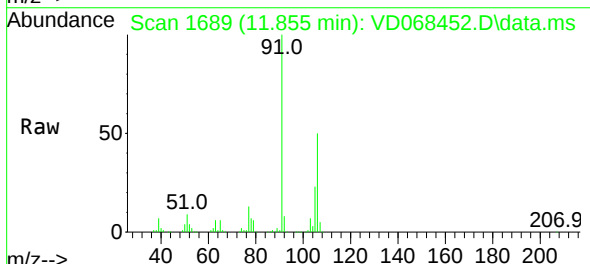
Manual Integrations
APPROVED

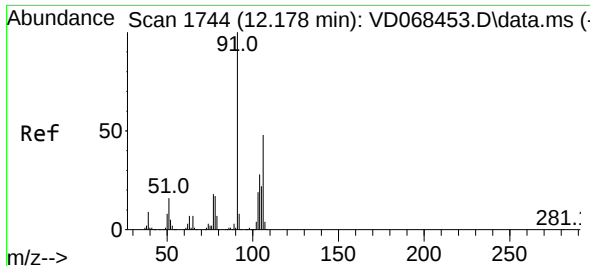
MMDadoda
3/1/2021 10:05:31 AM



#68
m/p-Xylenes
Concen: 40.81 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.001 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion:106 Resp: 262086
Ion Ratio Lower Upper
106 100
91 201.6 159.1 238.7





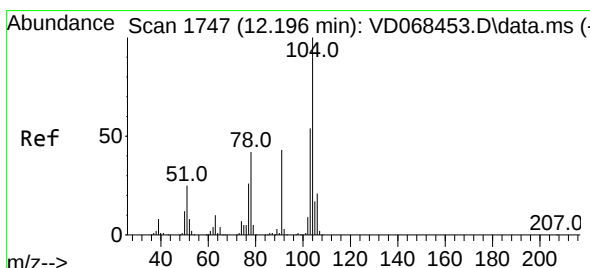
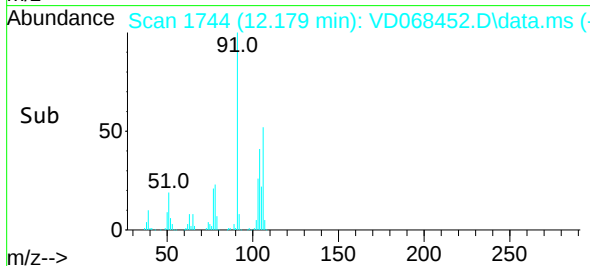
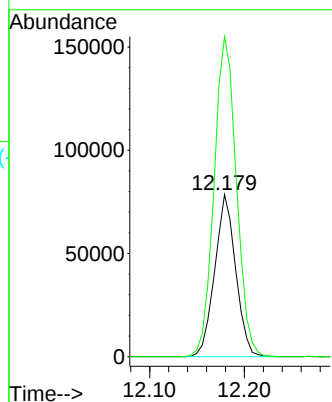
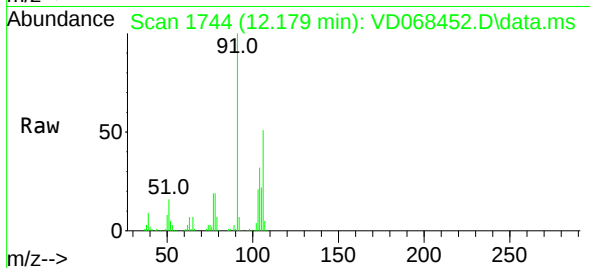
#69
o-Xylene
Concen: 20.52 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 120915
Ion Ratio Lower Upper
106 100
91 210.2 108.7 325.9

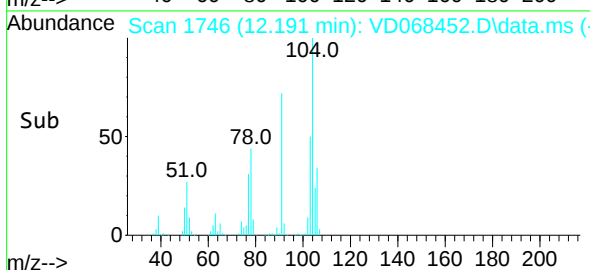
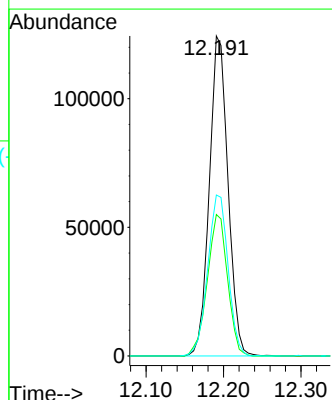
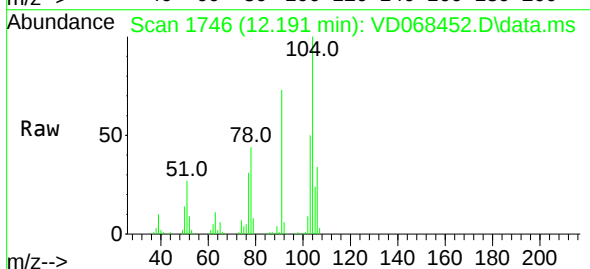
Manual Integrations
APPROVED

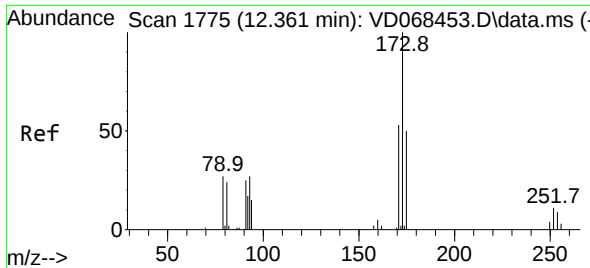
MMDadoda
3/1/2021 10:05:31 AM



#70
Styrene
Concen: 20.34 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. -0.005 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion:104 Resp: 208052
Ion Ratio Lower Upper
104 100
78 47.8 38.2 57.2
103 55.0 43.1 64.7





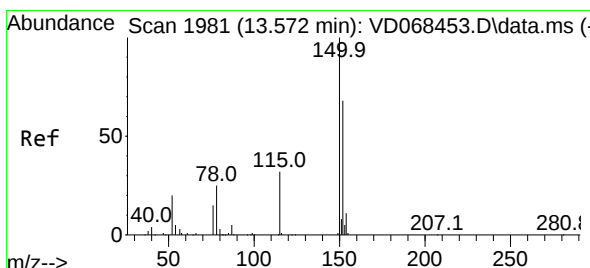
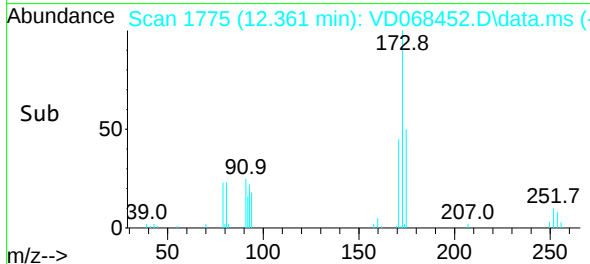
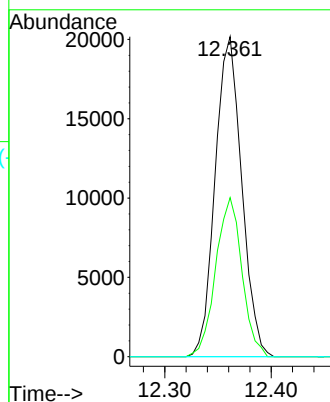
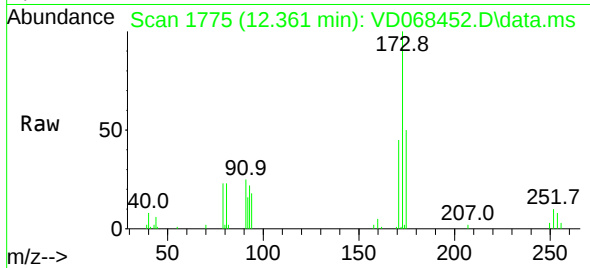
#71
Bromoform
Concen: 20.65 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion:	173	Resp:	34866
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.6	73.8
254	0.0	0.0	0.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

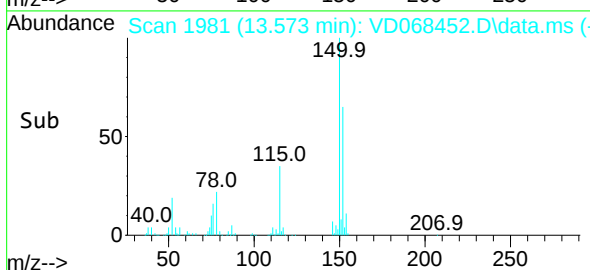
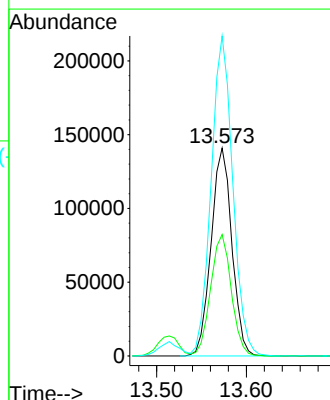
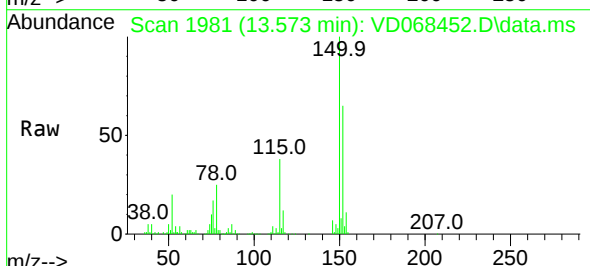
Manual Integrations
APPROVED

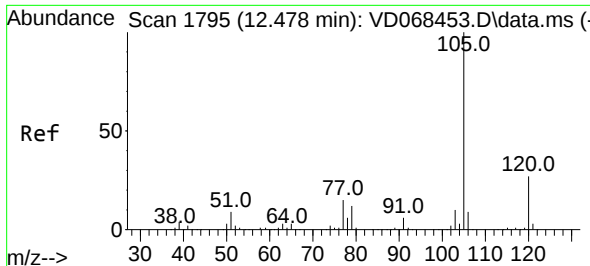
MMDadoda
3/1/2021 10:05:31 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion:	152	Resp:	226620
Ion Ratio	Lower	Upper	
152	100		
115	58.2	28.9	86.8
150	160.0	0.0	344.4





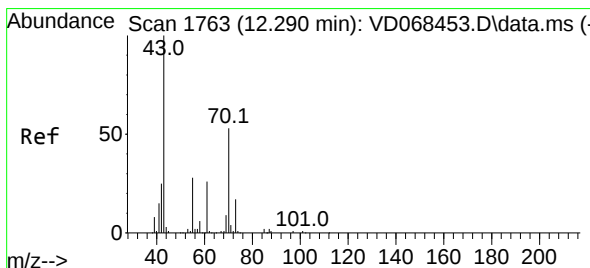
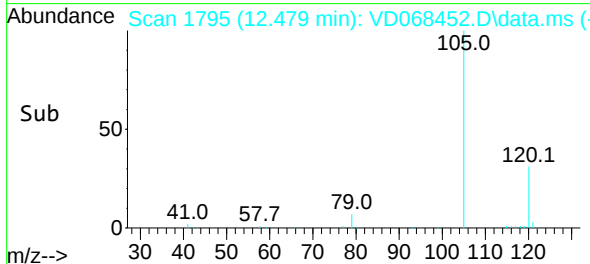
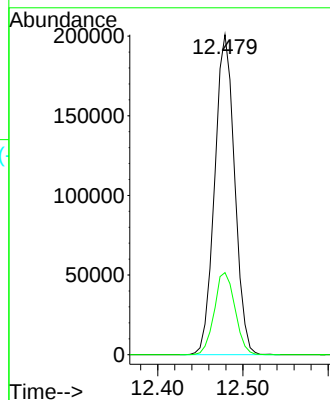
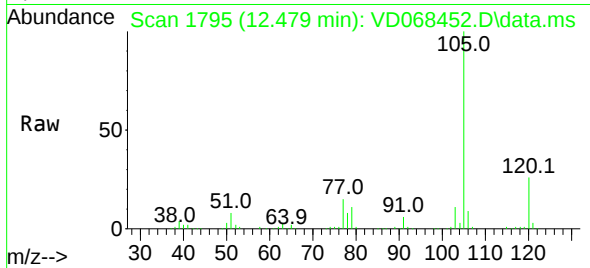
#73
Isopropylbenzene
Concen: 19.66 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion: 105 Resp: 327107
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

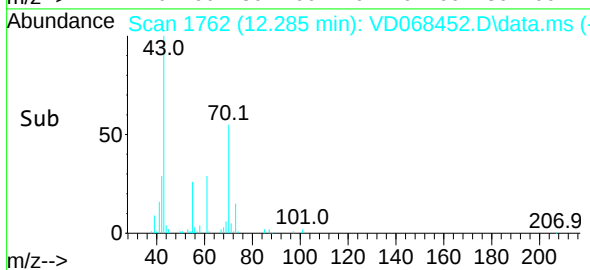
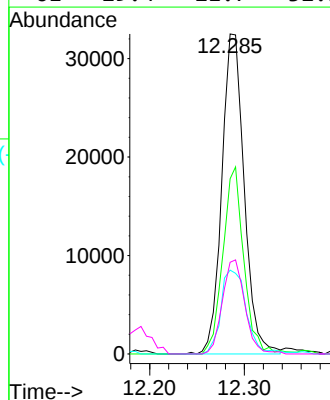
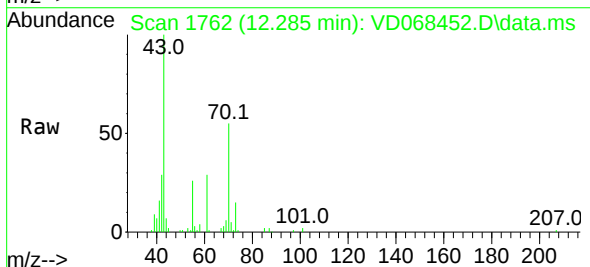
Manual Integrations
APPROVED

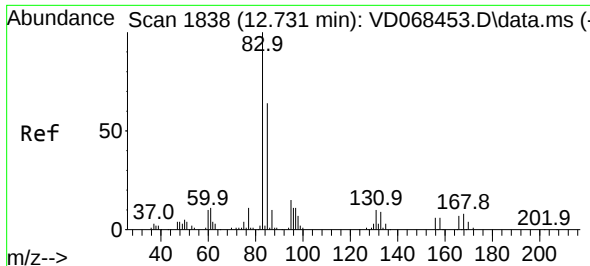
MMDadoda
3/1/2021 10:05:31 AM



#74
N-ethyl acetate
Concen: 18.38 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.005 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion: 43 Resp: 53473
Ion Ratio Lower Upper
43 100
70 54.9 41.8 62.8
55 29.9 24.2 36.4
61 29.4 21.7 32.5





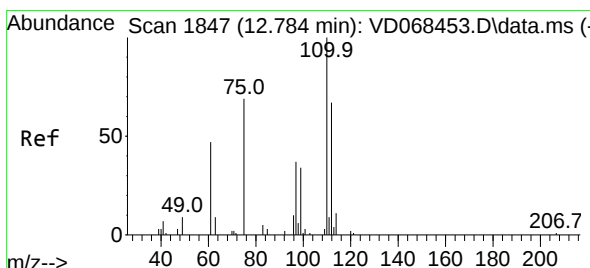
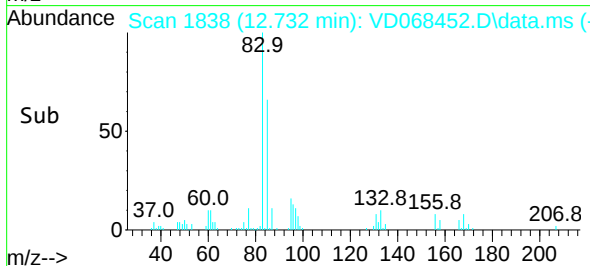
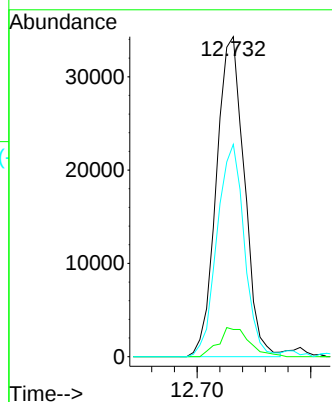
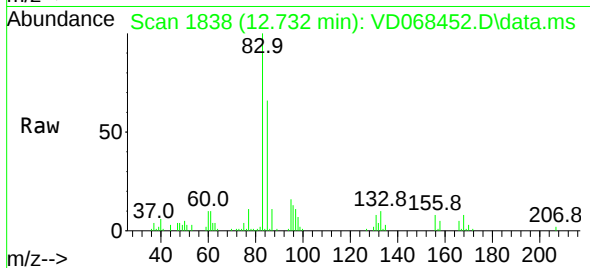
#75
1,1,2,2-Tetrachloroethane
Concen: 20.42 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion: 83 Resp: 58531
Ion Ratio Lower Upper
83 100
131 9.9 5.8 17.4
85 65.0 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

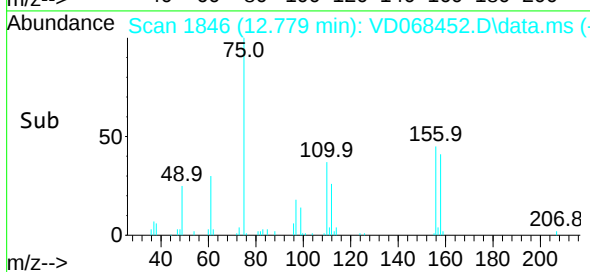
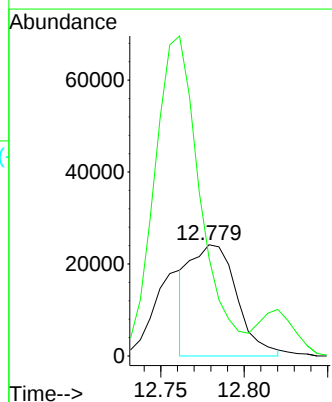
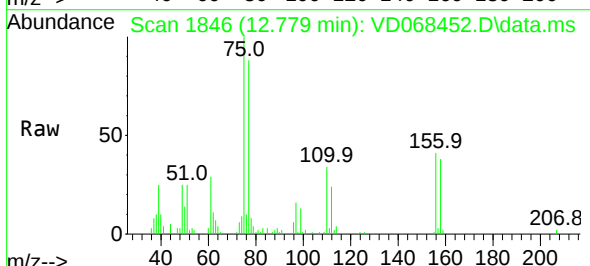
Manual Integrations
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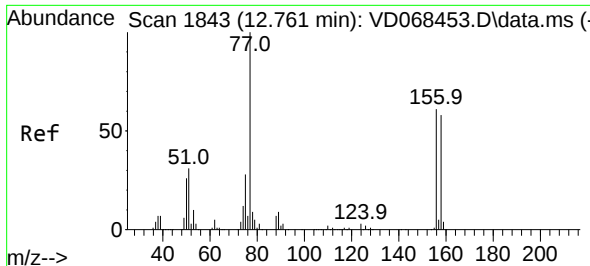
MMDadoda
3/1/2021 10:05:31 AM



#76
1,2,3-Trichloropropane
Concen: 21.98 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. -0.005 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion: 75 Resp: 47277
Ion Ratio Lower Upper
75 100
77 284.0 0.0 0.0#





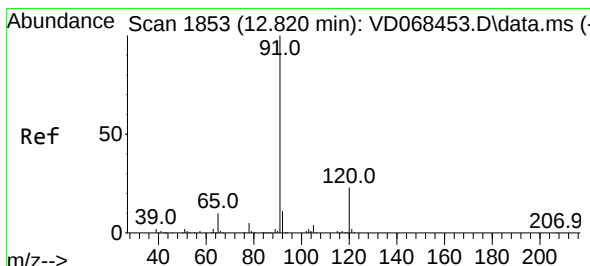
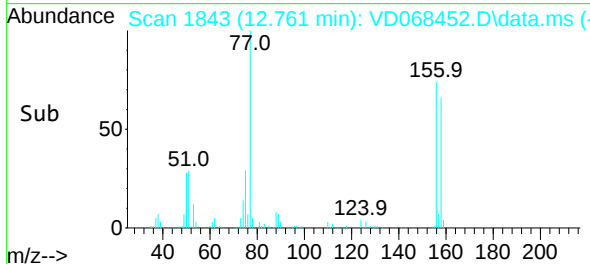
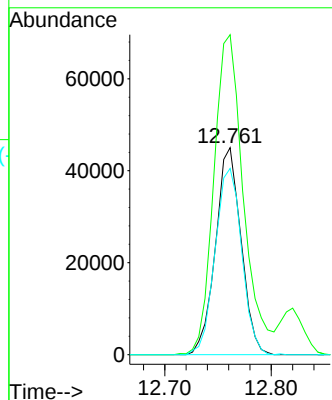
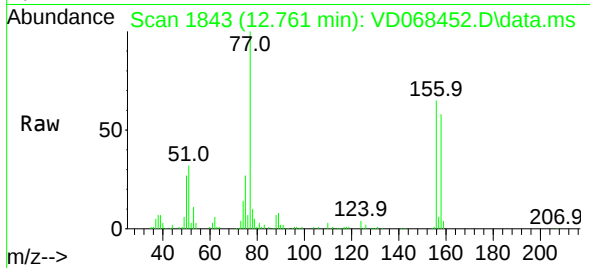
#77
Bromobenzene
Concen: 20.12 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion	Ratio	Lower	Upper
156	100		
77	179.1	82.8	248.3
158	93.9	48.0	144.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

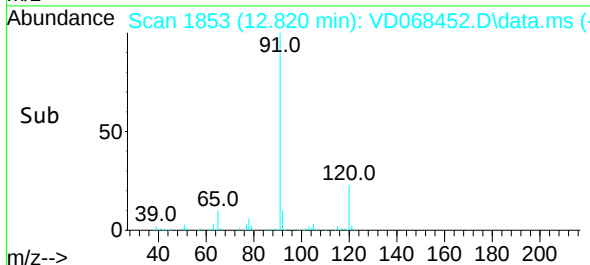
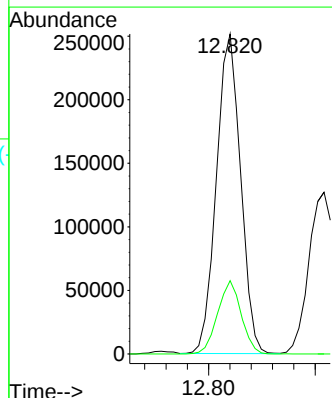
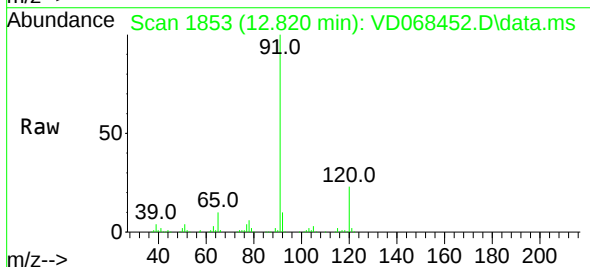
Manual Integrations
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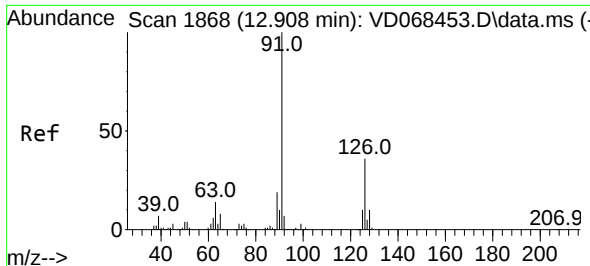
MMDadoda
3/1/2021 10:05:31 AM



#78
n-propylbenzene
Concen: 19.79 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

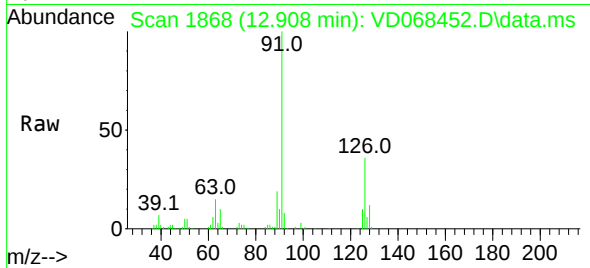
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	12.0	36.0





#79
2-Chlorotoluene
Concen: 19.73 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

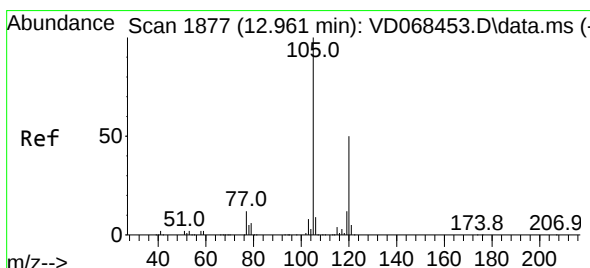
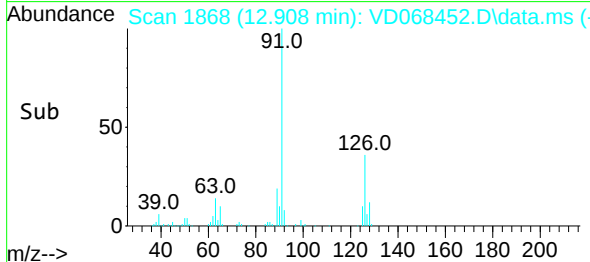
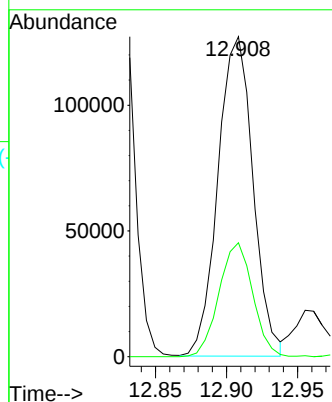
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 218075
Ion Ratio Lower Upper
91 100
126 34.3 17.8 53.5

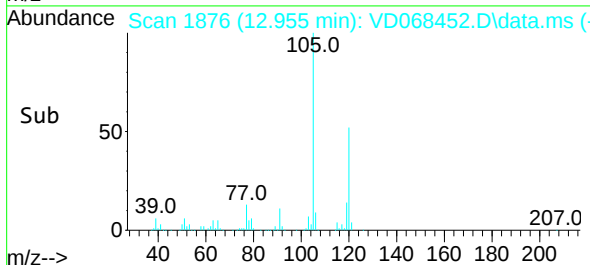
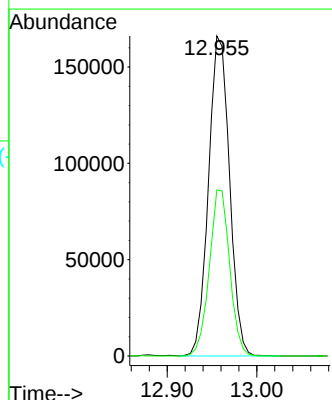
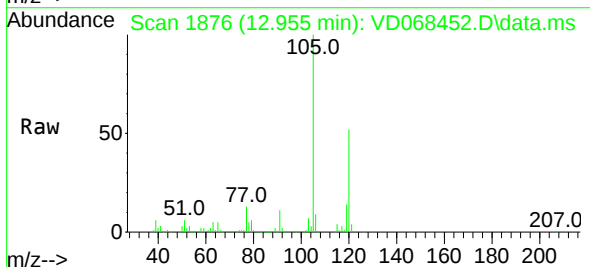
Manual Integrations
APPROVED

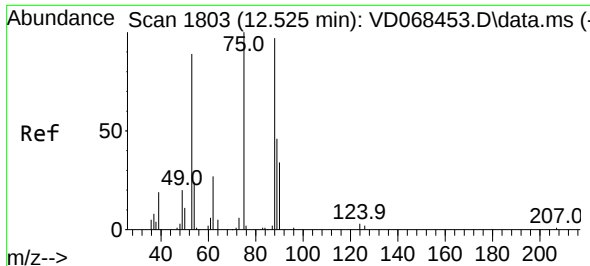
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3/1/2021 10:05:31 AM



#80
1,3,5-Trimethylbenzene
Concen: 19.84 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.005 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

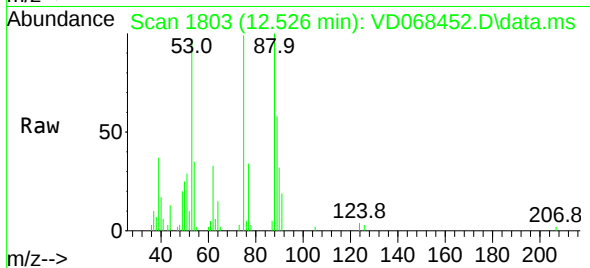
Tgt Ion: 105 Resp: 270137
Ion Ratio Lower Upper
105 100
120 50.3 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.95 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

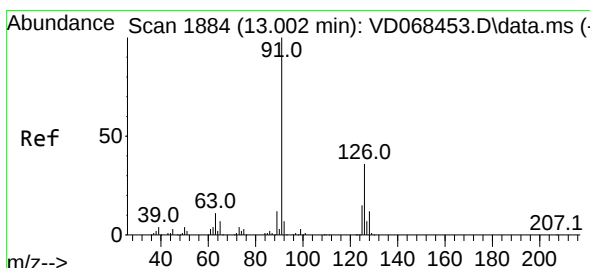
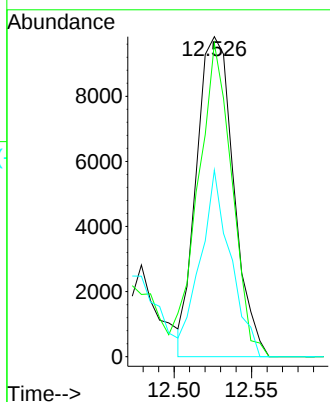
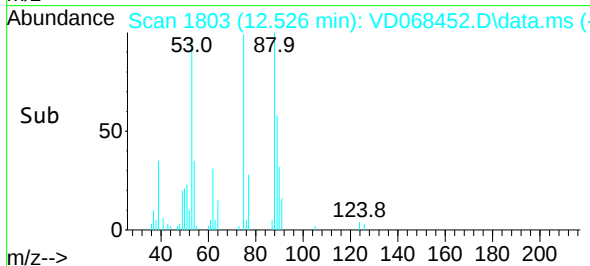
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



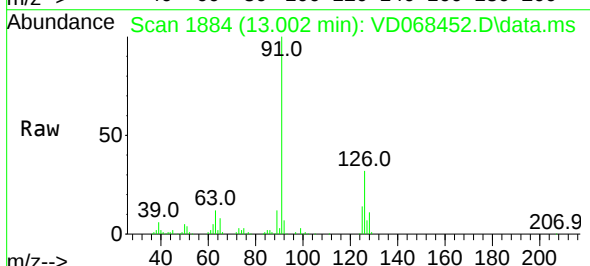
Tgt Ion	Ratio	Lower	Upper
75	100		
53	90.2	70.2	105.2
89	47.3	40.3	60.5

Manual Integrations
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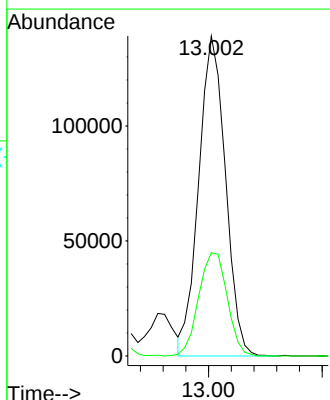
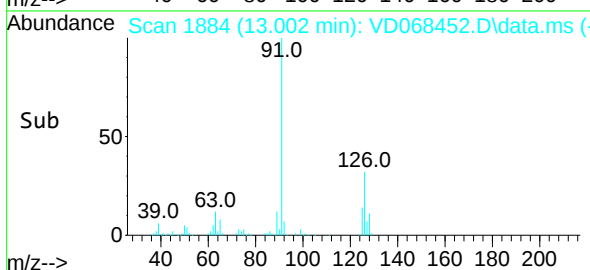
MMDadoda
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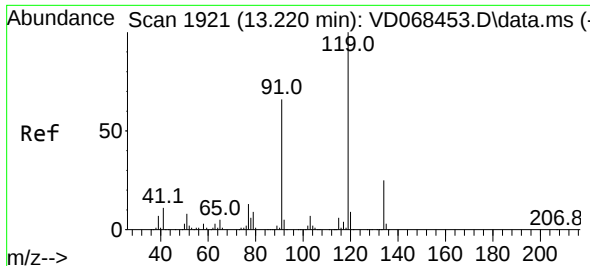


#82
4-Chlorotoluene
Concen: 19.43 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58



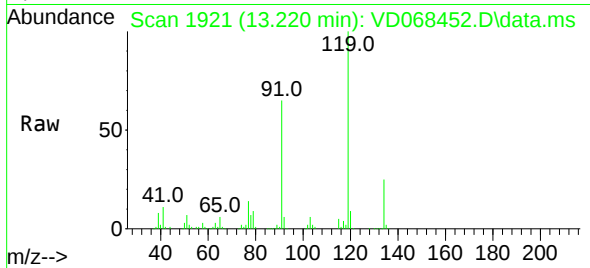
Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.7	53.1





#83
tert-Butylbenzene
Concen: 19.55 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

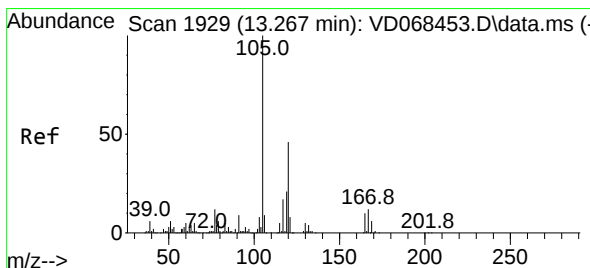
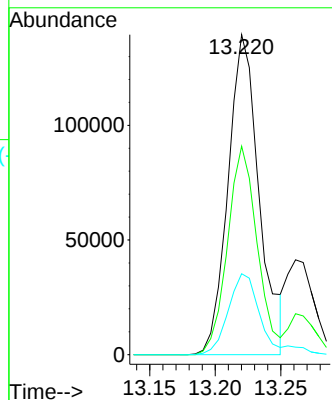
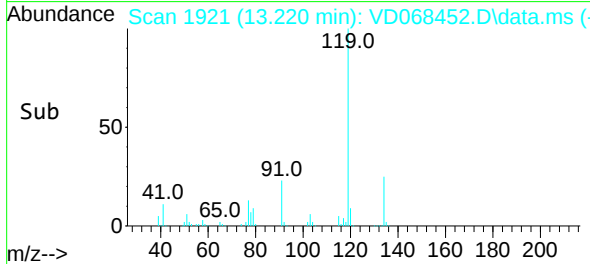
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



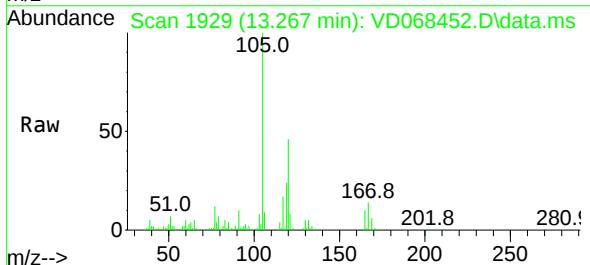
Tgt Ion:119 Resp: 230262
Ion Ratio Lower Upper
119 100
91 62.1 31.1 93.5
134 26.7 13.3 39.8

Manual Integrations
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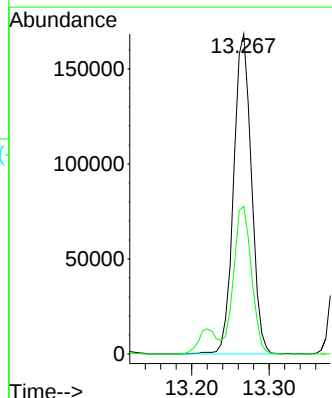
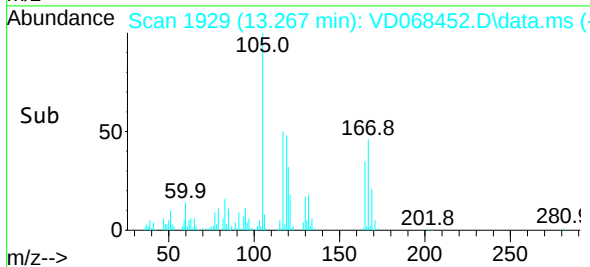
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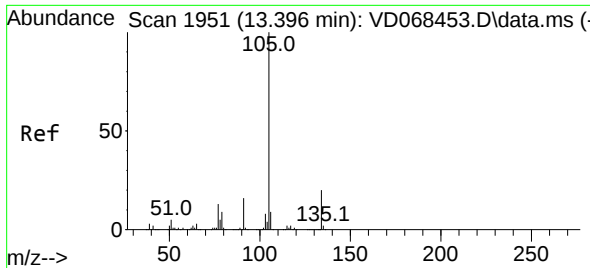


#84
1,2,4-Trimethylbenzene
Concen: 19.79 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.001 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58



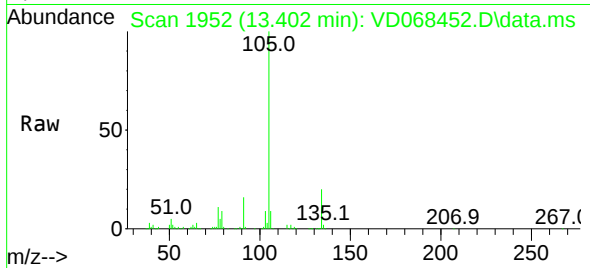
Tgt Ion:105 Resp: 269133
Ion Ratio Lower Upper
105 100
120 46.4 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 19.59 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.006 min
 Lab File: VD068452.D
 Acq: 26 Feb 2021 11:58

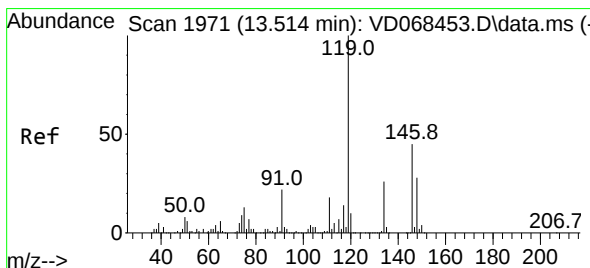
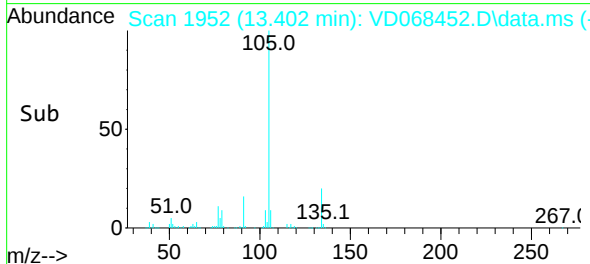
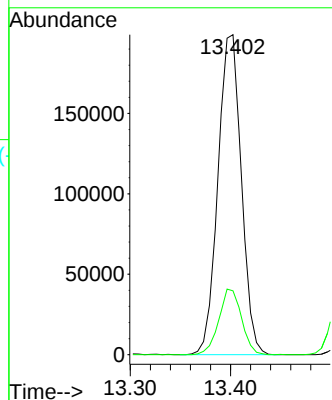
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



Tgt Ion:105 Resp: 322138
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.3 30.9

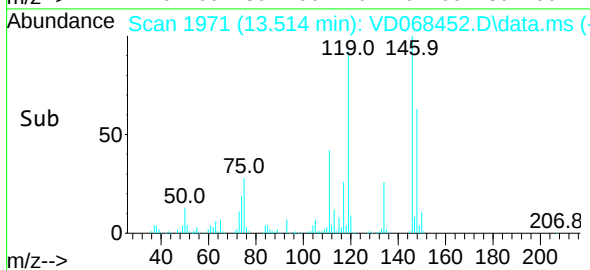
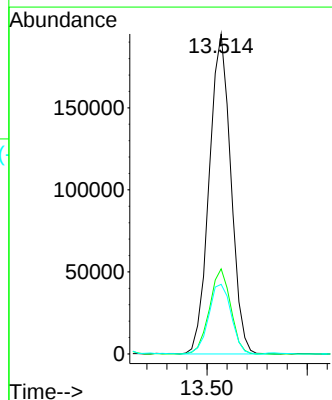
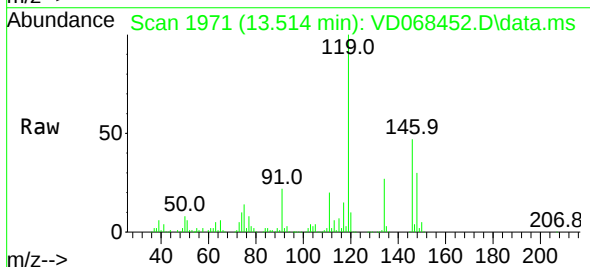
Manual Integrations
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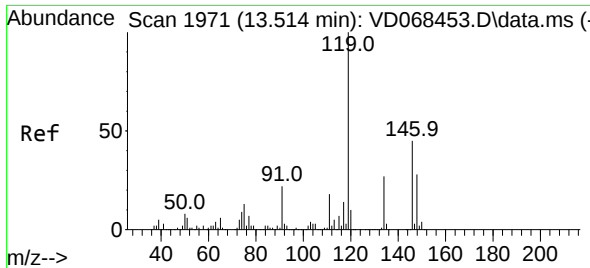
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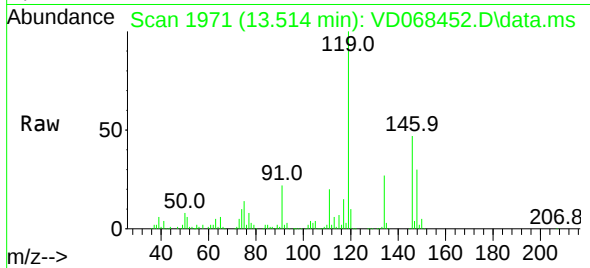
#86
 p-Isopropyltoluene
 Concen: 19.70 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068452.D
 Acq: 26 Feb 2021 11:58

Tgt Ion:119 Resp: 292606
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 22.7 11.7 35.0

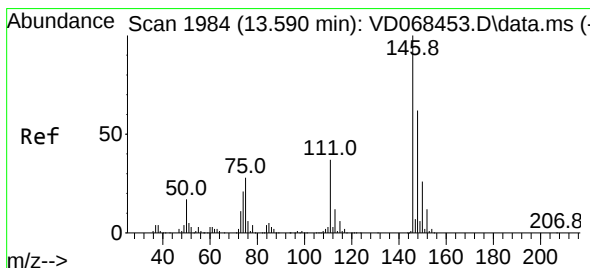
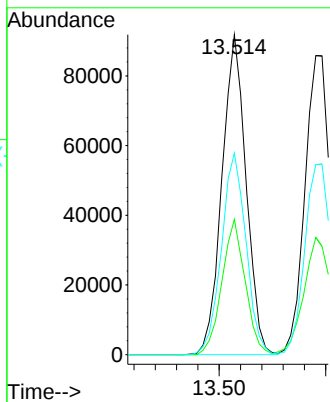
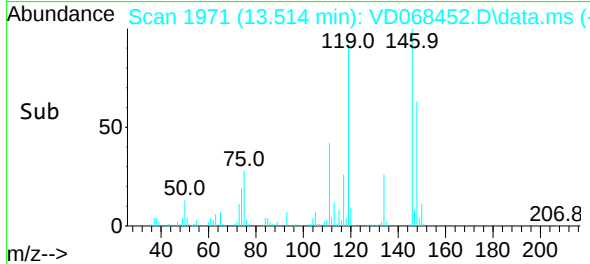




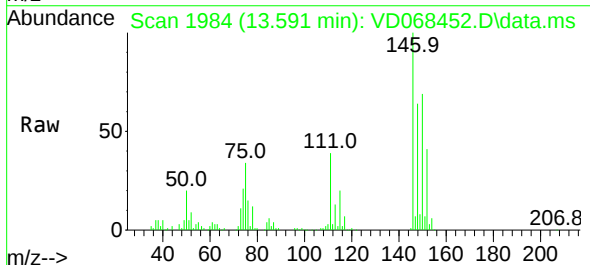
#87
1,3-Dichlorobenzene
Concen: 19.95 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58



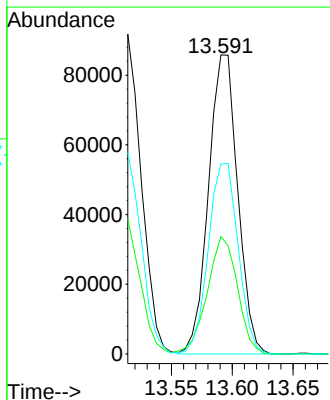
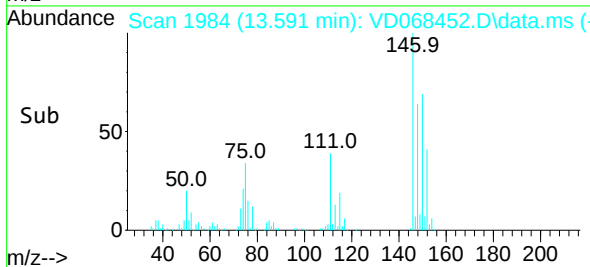
Tgt Ion:146 Resp: 144452
Ion Ratio Lower Upper
146 100
111 40.7 19.5 58.5
148 64.1 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 19.91 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58



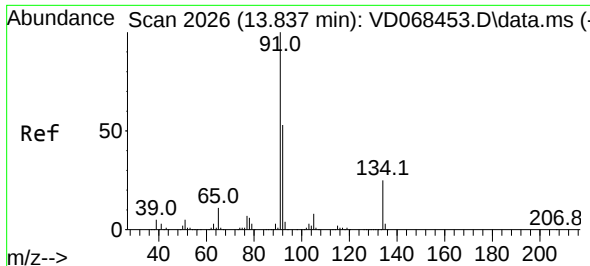
Tgt Ion:146 Resp: 143329
Ion Ratio Lower Upper
146 100
111 40.6 19.1 57.1
148 65.3 31.9 95.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

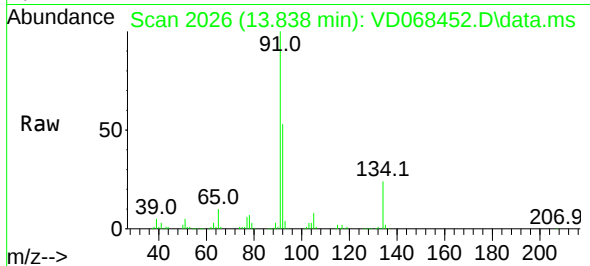
Manual Integrations
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#89
n-Butylbenzene
Concen: 19.53 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

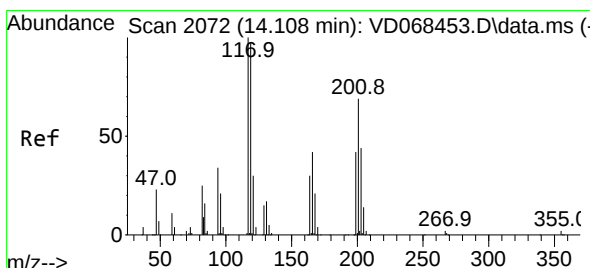
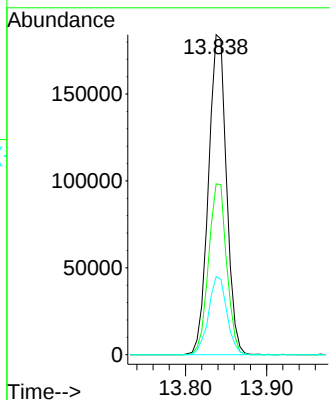
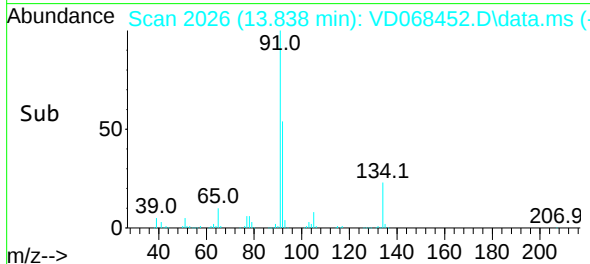
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



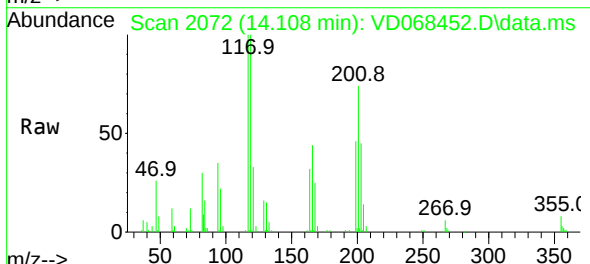
Tgt Ion: 91 Resp: 283337
Ion Ratio Lower Upper
91 100
92 53.6 27.2 81.6
134 24.8 13.9 41.7

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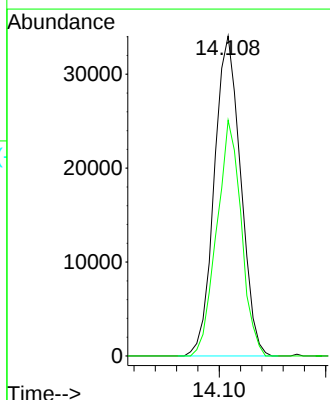
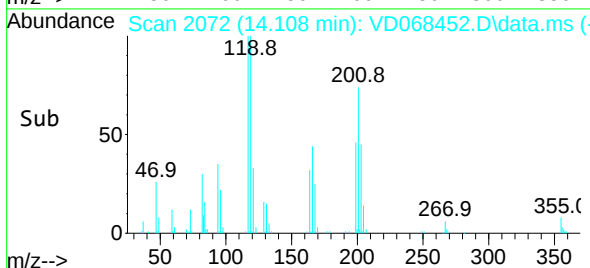
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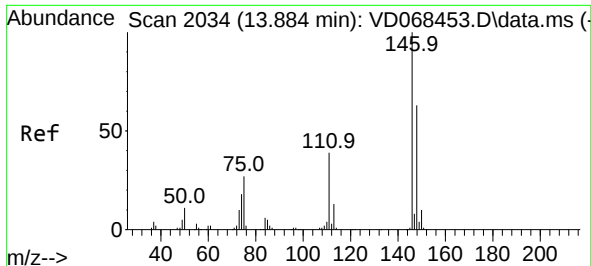


#90
Hexachloroethane
Concen: 21.22 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.001 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58



Tgt Ion: 117 Resp: 58507
Ion Ratio Lower Upper
117 100
201 68.5 39.5 118.5





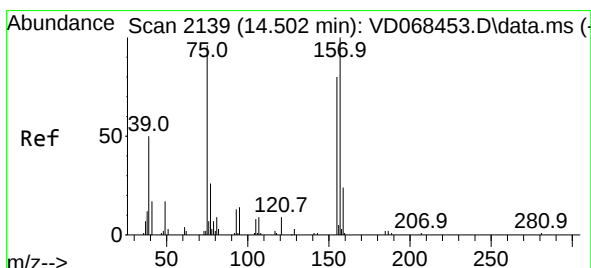
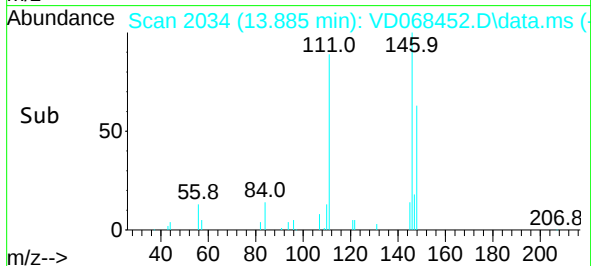
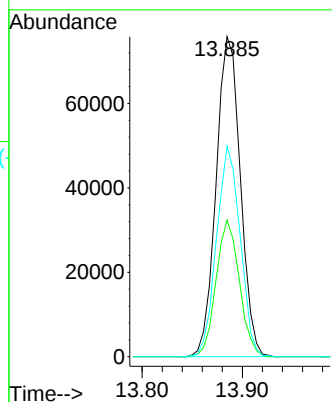
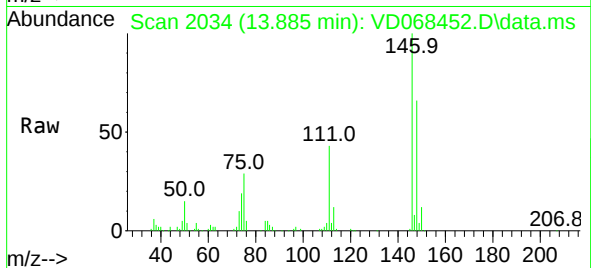
#91
1,2-Dichlorobenzene
Concen: 20.37 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.001 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion:146 Resp: 127277
Ion Ratio Lower Upper
146 100
111 41.0 20.3 60.9
148 64.3 31.7 95.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

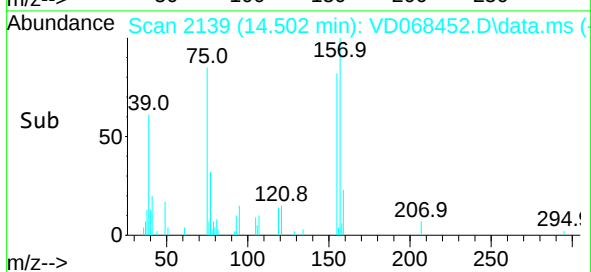
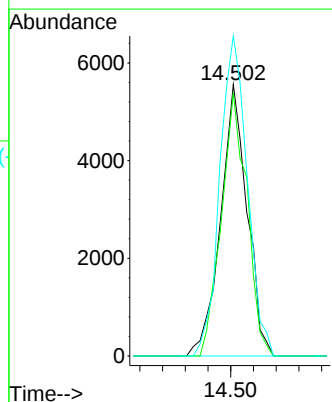
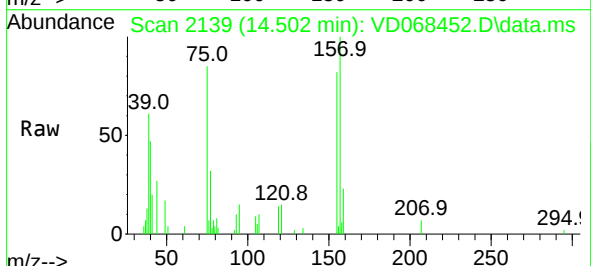
Manual Integrations
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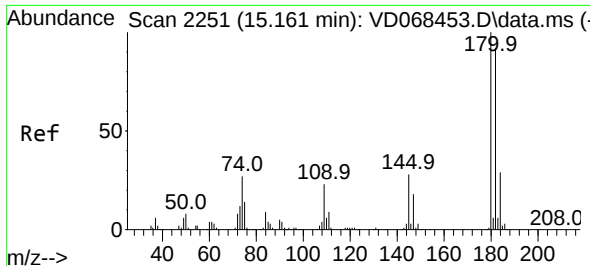
MMDadoda
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#92
1,2-Dibromo-3-Chloropropane
Concen: 20.92 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.001 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

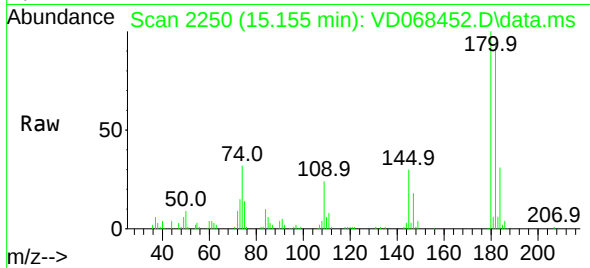
Tgt Ion: 75 Resp: 9008
Ion Ratio Lower Upper
75 100
155 93.9 48.0 144.2
157 121.9 65.0 194.8





#93
1,2,4-Trichlorobenzene
Concen: 22.31 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.005 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

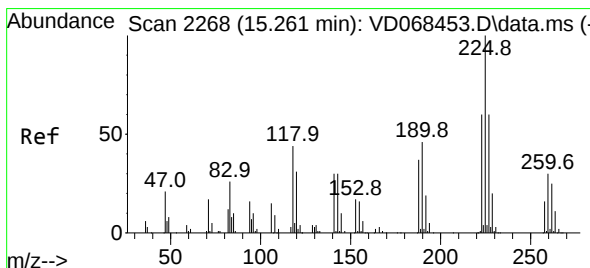
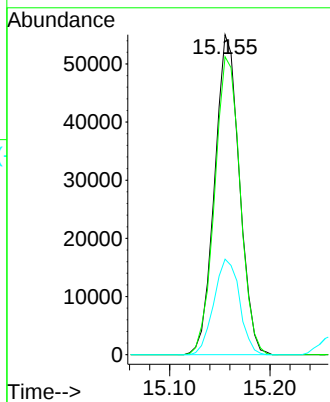
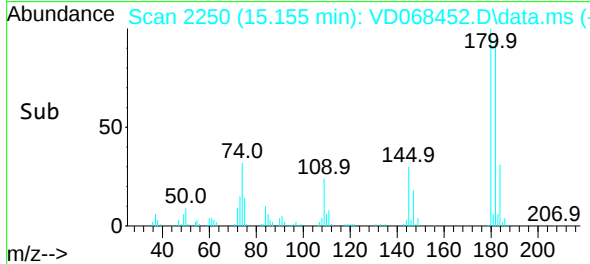
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



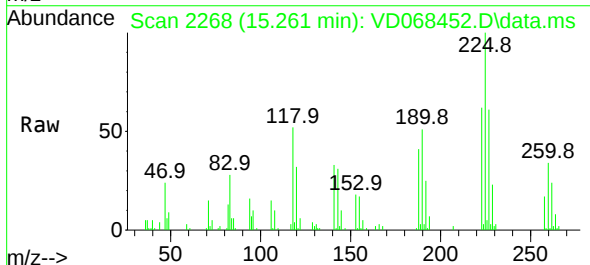
Tgt Ion:180 Resp: 94235
Ion Ratio Lower Upper
180 100
182 95.8 46.8 140.4
145 30.9 15.2 45.5

Manual Integrations
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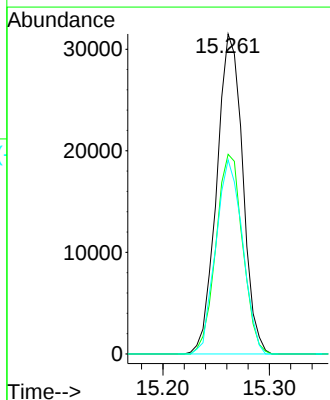
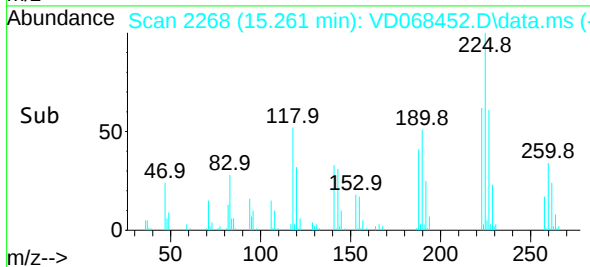
MMDadoda
3/1/2021 10:05:31 AM

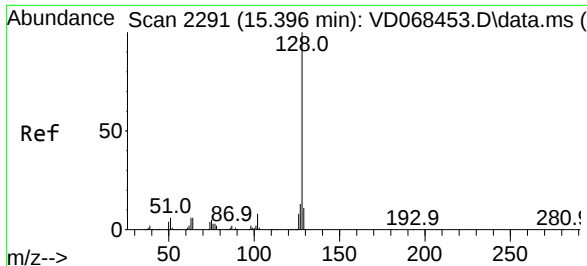


#94
Hexachlorobutadiene
Concen: 22.92 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.001 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58



Tgt Ion:225 Resp: 53357
Ion Ratio Lower Upper
225 100
223 64.0 31.9 95.5
227 62.4 32.1 96.5





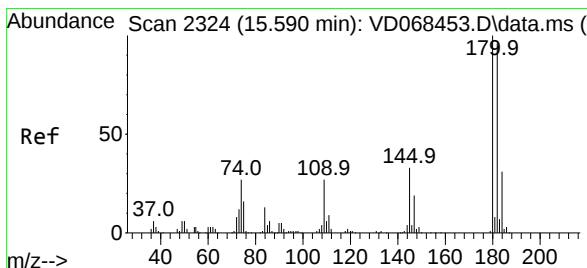
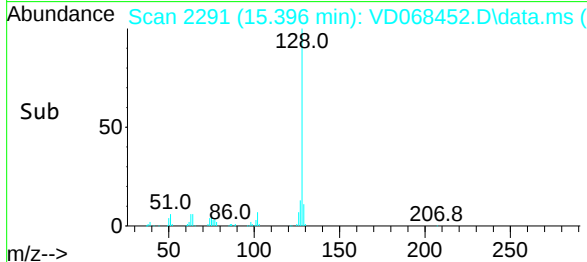
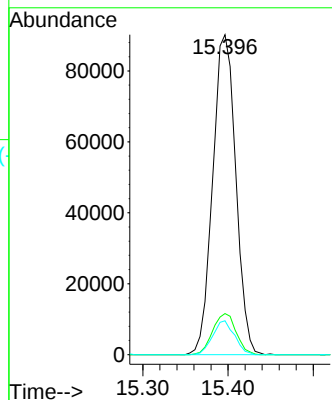
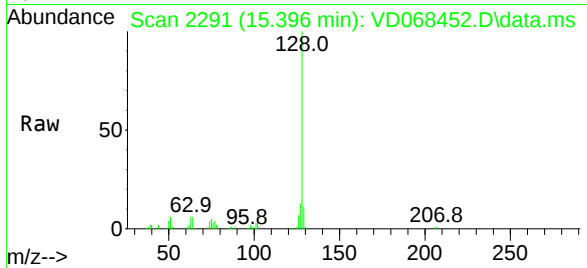
#95
Naphthalene
Concen: 21.78 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.001 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion:128 Resp: 169652
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.0 8.8 13.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
3/1/2021 10:05:31 AM



#96
1,2,3-Trichlorobenzene
Concen: 23.21 ug/l
RT: 15.591 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068452.D
Acq: 26 Feb 2021 11:58

Tgt Ion:180 Resp: 85078
Ion Ratio Lower Upper
180 100
182 90.5 48.3 144.8
145 31.9 16.7 50.1

